

# QCWA

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# JOURNAL

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

## IT DON'T GET BETTER THAN BATON ROUGE!

Baton Rouge, October 21, 1989 - The 1989 QCWA National Convention came to a very satisfying close today. The final activity - a full scale banquet was a resounding success. All that we spoke to were full of praise for the efforts of Baton Rouge Chapter, who made the arrangements and saw to it that everything went just as it should. It was a great meeting. If ever the words "the best ever" were justified, this was the time and place.

Congratulations and thanks go to all who participated, not only in planning and carrying out the hard work of operating a Convention but, also to those who came, from Coast to Coast, to take part. QCWA has acquired a new pride and dignity as a result of this wonderful program.

Kansas City, MO - Members of the Mid-Continent Chapter who will be hosts to our 1990 Convention in the Fall of 1990, were on hand to see just how things were being done. Judging from their comments, we are going to see a whiz-bang meeting this coming year.

Irving, TX - The QCWA Nominating Committee for the 1990 elections has completed its work and submitted a slate of candidates for the election. Members are reminded that nominations by petition may be made up to December 31, 1989. A petition carrying the signature of 25 or more members in good

standing, submitted to the QCWA Secretary no later than December 31, 1989, will place your candidate on the ballot.

## MERRY CHRISTMAS 1989



## HAPPY NEW YEAR 1990

Dix Hills, NY - President Harry Dannals, W2HD, has announced that he will continue the practice of authorizing special Awards to be given to QCWA members who will celebrate the 75th anniversary of their first amateur license issued by the U.S. Government. The Spring issue of the QCWA Journal will list those eligible to receive such awards. Effort will be made to insure that each Award ceremony will be one to be remembered.

Irving, TX - Headquarters Office has completed sending Chapter report forms to each Chapter Secretary. Sent with the forms for each Chapter was a listing of Chapter Membership, as it appears in the HQ database. A request to check all information, make corrections and return the material to HQ has been made. It is particularly important that all information be corrected to get the best possible edition of the new 1990 Membership Directory, to be published early in 1990.

### QCWA ON THE AIR MEETING

SSB, Every Sunday Afternoon

2000 GMT, 14,347 kHz

W6FQ

CW, each Wednesday Evening

8:00 PM Eastern Time, 7035 kHz

W5QU / W4PI

QUARTER CENTURY WIRELESS ASSOCIATION, INC.  
1409 Cooper Dr, Irving, TX 75061-5527

# QUARTER CENTURY WIRELESS ASSOCIATION, INC.

## HONOR AWARDS

QCWA HONOR AWARDS ARE ADMINISTERED BY THE QCWA BOARD OF DIRECTORS

ELIBILITY FOR REQUIREMENTS AND NOMINATIONS FOR THE AWARDS

MAY BE MADE THROUGH ANY OFFICER OR DIRECTOR

### QCWA HALL OF FAME

1980	Mr. Ray Meyers, W6MLZ
1981	Mr. Bill Halligan, W9AC
1982	Mr. Barry Goldwater, K7UGA
1983	Mr. Jean-B. Wolff, LX1JW
1984	Mr. Don Wallace, W6AM
1986	Mr. George Sterling, W1AE
1987	Mr. Victor Clark, W4KFC

### MEMBER OF THE YEAR AWARD

1979	Mr. Ed Trombley, W8CAM
1981	Mr. Lew Sieck, K4NE
1982	Mr. Herb Gleed, W6FQ
1984	Mr. Bert Gunn, W5FU

### DISTINGUISHED SERVICE AWARD

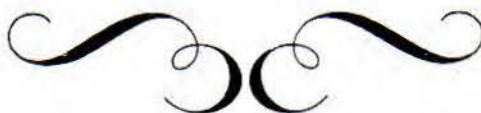
1975	Mr. A. L. Walsh, W2BW
1979	Mr. Mark Devaney, K4IDC
1988	Mr. David Talley, W2PF
1989	Mr. Hugh Turnbull, W3ABC
	Mr. Fred Hammond, VE3HC

### ROLL OF HONOR AWARD

1981	Mr. John DiBlasi, W2FX
	Mr. Gus Girona, W2JE
1985	Mr. Bud Waite, W2ZK
1986	Mr. Earl Thomas, W2MM
	Mr. Ralph Barber, W2ZM
1987	Ms. Ethel Smith, K4LMB

### JOHN Di BLASI AWARD

1984	Mr. Hal Sears, W5NC
1986	Mr. Owen Garriott, W5LFL
1988	Mr. Clarence Seid, W2KW
1989	Mr. Frank Lester, W4AMJ
	Mr. Ralph Hasslinger, W2CVF
	Mr. Irving Groves, K4HT
	Mr. Nat Burnett, K4OL
	Mr. Moe Joffe, W6PHE
	Mr. Robert Baird, W9NN



## The QCWA JOURNAL

Volume 38, No. 4

Winter, 1989

### QCWA PRESIDENT'S MESSAGE

It is indeed a pleasure to greet you from the President's office. While this message is an initial greeting to all members, it will also be a request for your help and guidance in carrying on those programs which will enable QCWA to grow in effectiveness and contributions to Amateur Radio.

With election matters completed, your Board of Directors met in Baton Rouge on the occasion of the QCWA National Convention. The range of subjects discussed covered every facet of QCWA's charter as set forth in our Constitution. The Directors spent extensive periods of time in discussing the Amateur Radio issues of the day as you will note in the summary of the meeting presented in the issue of the Journal.

One point becomes very clear in today's Amateur Radio scene and that is simply that we are a very complex body with many diversified interests. We have come a long way from the "arc and spark" days when it was a thrill to be heard a few miles distant. Today it is not uncommon to contact stations in dozens of countries in a mere matter of minutes...direct or via satellite, using Packet techniques or voice, c.w., RTTY or TV modes.

With all of this progress, there is still the basic problem which we encounter every day...operating courtesy and concern for our neighbors on the airwaves. Technology has provided the means for us to gain increased enjoyment as we go about our day-to-day operation on the bands. Combining common sense with that technology will enhance our ability to enjoy Amateur Radio and keep us ready to serve in time of world, national or local disasters.

Your organization stands ready to do its part as we enter the new year and the '90's. Your direct involvement in the affairs of our QCWA as a participating individual or chapter member is essential to the organization. Your comments are welcome. Your criticism, whether positive or negative, is needed. Your voice will be heard by those who make policy. However, the QCWA is not the officers and directors alone...the QCWA is YOU!

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### SPECIAL APPOINTMENTS

QCWA Activities Manager	Onie Woodward, W1ZEN
QCWA Taping for the Blind Coordinator	Blanche Randles, W4GXZ

### 1989-1990 QCWA OFFICERS & DIRECTORS

Harry Dannals, W2HD, President	517 549 5131
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Hugh Winter, W5HD, Vice President	505 884 6545
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Stuart Meyer, W2GHK, Director	703 281 3806
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Jim Walsh, W7LVN, Director	503 344 3321
159 E 16th St, Eugene, OR 97401	
Travis Baird, W9VQD, Director	414 352 9642

### THOSE WHO HAVE SERVED

#### PAST PRESIDENTS

John DiBlasi, W2FX*	1947-1964
Earl R. Thomas, W2MM*	1965-1968
Clarence Seid, W2KW	1969-1971
Barry Goldwater, K7UGA	1972-1973
Frank A. Gunther, W2ALS	1974-1977
Harry S. Gartsman, W6ATC	1978-1981
Stuart Meyer, W2GHK	1982-1985
Leland Smith, W5KL	1986-1989

#### EXECUTIVE SECRETARY/GENERAL MANAGER

Ralph Barber, W2ZM*	1955-1964
Gus Girona, W2JE	1965-1973
Ethel Smith, K4LMB	1974-1976

\*Silent Key

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## EDITORIAL COMMENT

These days many are convinced that draconian measures are indicated if we are to continue to have amateur radio privileges. The feeling seems to be that we must have a significant increase in numbers so that our voice will be heard in the halls of Congress - I won't say that all, but many are convinced that the FCC is perfectly willing to write off amateur radio - if it can get by with doing so. The apparent consensus is that we must be able to get the ears of those who can control FCC attitudes toward our service. This, if correct, simply means that technical expertise, public service, etc., as carried out in the Amateur Service no longer carry sufficient weight to insure that our allocated spectrum space will be continued. Whether we like it or not we have been pushed into the political arena. Here, what rules there are, do not give weight to what we were in 1941, or what you did in 1955. If we are to survive we must adapt to an environment that gives little or no weight to past service or glory.

To the end of increasing amateur population, all sorts of proposals are being made and considered which have as their aim, making it easy to get an amateur license. Many appear to be of the opinion that only in this way can we increase numbers - our young people are being written off as not being willing to put forth the effort to learn code at the 5 wpm rate. If we are to enlist them, we must let down the bars and give licenses to those who are not willing to work for them. Admittedly, these views are controversial, and are impressions I receive, reading the various proposals now being put forth on behalf of enlarging the Amateur Fraternity. It is probably reasonable to state that essentially 100% of those involved are convinced that an easy license is the best way to increase our numbers and, if their premise is right - provide some insurance that we can survive the press of commercial interests for our allocated spectrum space..

In honesty, I must agree that this short-cut appears to be the best way to get a quick fix. I am afraid that time has past for in which a slow re-building of public awareness of the service we have and can render might help guarantee our allocated spectrum space. At this stage of the game a quick fix seems to be the only viable route to follow. It is apparent to all that an urgent need exists and that those who are actively working for restructuring of the amateur service are sincerely convinced that a new system of easy licensing may save some of amateur radio. Many of our QCWA members feel strongly that tearing down the present system of licensing will, in the long run, be counter-productive. Realizing that a need exists and that different opinions abound, we should, as a group, be considering those areas that we can strongly support. In this light I would like to raise a couple of points that might just be long-term benefits to the Amateur Service that particularly fit QCWA membership and our goals as an organization.

Recently I have been noticing the High-Tech portion of a local newspaper. It is a two-page spread dealing with the world about us, and bringing us a down-to-earth description of some aspects of science, medicine, etc. This portion of the paper comes out weekly and, from 6 to 15 column inches in each publication lists all computer clubs in the metropolitan area. The information lists the name, location, time and days of meetings. Gives the name of those authorized to speak for their organizations and their telephone number. Commonly twenty or thirty such groups are listed. Why are they there? Because the public is interested computer usage and technology. Amateur radio and BCLs once (1920-1930) enjoyed the same public awareness and interest. We have lost both public

awareness and interest. Why? I cannot be certain. I do feel deeply though that at least some of the Public would respond to amateur radio if we made a strong effort to become visible and available.

The following are first thoughts as to possible ways in which we might enlarge our public image, and incidentally bring in new members to the fraternity. QCWA Chapters might establish a committee charged with the responsibility of assembling information on every radio, computer and high-tech club in their areas. This information would list names, addresses, telephones, meeting times and places, membership requirements, etc. The information properly placed into a database could then be assembled into a professionally prepared document to be distributed to all schools, colleges and universities in the area - furnished to all newspapers in the area urging publication as a public service and, furnished to all radio and television stations in the area of activity.

In this connection it is suggested that when Amateur Radio performs an emergency public service, or, cooperates with organizations who are providing a public service, that rather than limiting our reports and stories to amateur publications and journals, that in addition, factual reports prepared in a professional manner to be transmitted to Civil Defense officials, to newspapers, radio and TV stations and most importantly, the document should be mailed to all members of Congress and the FCC. Amateur radio may not be a hot enough subject to require a busy editor to dig for information but, if we serve it up to him/her on a silver platter, he might just print it! Getting exposure in the public press is important! Stories in our own periodicals are important, providing recognition for those who have worked but they cannot alone do the job of telling of our efforts. After all it is unlikely that congressmen read World Radio or QST! Let's put the stories right in their hands! Proof of our value to the Public. What better way to do this than to provide documented proof of our activities placed directly in the hands of all of our Congressional Representatives - reports attested to by responsible Civil Authorities on just what was done by the Amateur Service in the Public Interest?

We could become the clearing house for such material and, a doorway by which the public could be informed of our contributions to the public welfare. In addition, we would be able to provide needed information to the public - For instance, a family with a computer would like information on how their computer-adept son or daughter could get information on packet radio or, a TV viewer having interference from some source could be directed to Amateur experts who could review his problem and suggest corrective procedures. We might just be the source of information required by an organization that would like to have radio-support for its marathon or, interface between many organizations and civil authorities.

As I see it, this is an area in which we QCWA members who are strong on agile minds and fragile bones might just fit in to provide a real and valued service to the Public - and at the time that we provide such information, we might just put in a potent word for the Amateur Service. If the Public, and our Representatives can be made aware of the service we can and do provide, we will have gained immeasurably. Finally, breast beating is futile - no one cares what we did yesterday - only what we can and will do today and tomorrow. It would be a challenging activity to get involved as outlined - but knowing the abilities and stick-to-it traits of our members, I am pretty certain it could be done, if deemed desirable.

## **BOARD ISSUES STATEMENT!**

### **QCWA POLICY STATEMENT ON NO-CODE LICENSING**

**QCWA RECOGNIZES THE EXTENSIVE  
EXPERIENCE OF ITS MEMBERSHIP  
AND ITS CONCERN FOR THE  
LONG-TERM FUTURE  
OF  
AMATEUR RADIO**

**THEREFORE QCWA WILL EXPRESS  
ITS COMMENTS  
AND RECOMMENDATIONS  
(WITH RESPECT TO THE NO-CODE ISSUE)  
AT THE TIME THE FCC ISSUES  
ITS NOTICE OF PROPOSED  
RULE MAKING**

## **2-METER CALLING FREQUENCY?**

Cleveland Chapter No. 1, has inaugurated the practice of using 2-meter simplex operation on 146.44 MHz for local QCWA contacts. They have suggested that it might be good to establish such a frequency for use by QCWA Members who are travelling. When going through a city, drop down on 146.44 and call QCWA simplex. If anyone answers, it would likely be a QCWA member.

We have checked and find that repeater operation is not generally assigned on frequencies between 146.40 and 146.62 MHz. The local (Texas) coordinating group indicates that there should be no interference from such operation to repeaters and indicated that they saw no reason for not using the frequency for that simplex operation.

It's up to you - the "44" is mighty easy to remember. Drop us a note if you'd like to see it publicized and used for QCWA contacts.

## **HUMAN FALLIBILITY!**

At our location here, dealing with many good people across the nation - yes, even across the world, our observations of human nature are working hard to make us quite humble. We are called upon very frequently to explain un-explainable events - like, why didn't I get my QCWA Journal - why haven't I heard from you for more than a year - where did my membership pin end up - why did you list my friend as a Silent Key? - into infinity. Well, all of this has developed our ability to rationalize.

You remember about the grapes in the vineyard - on a vine quite high above the ground. The fox wanted the grapes but simply could

not jump high enough to reach them. After exhausting himself trying, he walked away muttering "I didn't want them anyway, they were probably sour anyway". In this childhood story, Aesop, described the defense we have developed and which is called rationalization.

Rationalization is the ability to find acceptable reasons to replace real reasons. It is one of several ways we use to deal with conflict and frustrations. Other ways to deal with problems might be to see in others traits about which we are concerned about in ourselves - complaining about the other guy's nutty driving practices and next day getting a ticket for speeding. There are many such ways in which many of us develop to carry on in sometimes difficult areas. We aren't belittling the ability - it is uniquely human.

## **ONCE AND FOR ALL!**

How many times have we heard it - "this ends it, once and for all"! The cry of anguish by bored or frustrated individuals who yearn for the time when one could take action, wash one's hands and put away forever an obnoxious matter.

Since the time when two humans became involved with each other, even in the most simple terms, it has become necessary for them to review their relationships periodically and to modify their rules of association to fit their contemporary positions. And, so it will always be. "Ending it, once and for all" is not a viable action. Circumstances surrounding the lives of each of us change constantly. Rules of association once satisfactory for a farm population no longer fit the needs of those associating in urban centers. Even so venerable a document as the United States Constitution is subject to change.

As recently as 5 years ago the possibility of a No-Code amateur license was about zero. Now, only the blink of an eye later, No-Code is essentially assured. Conditions change, priorities change and, more importantly, people change. Society has the right, yes even the obligation, to sustain and defend itself. It can only do this by adopting attitudes and laws that accommodate the changes in our beliefs, perceptions and needs.

Change is a fact of life - and political animals (we humans) are quick to realize that if we can't get what we want today, try again tomorrow. This is the political system. If you can't achieve a goal in one step, then regroup, and take 5 little steps. You'll get in the 5 steps as much and perhaps more than you could have gotten in one big step! The lives of each of us are shaped by actions of this type. Again, we humans resist great changes but, a patient petitioner knows that there is more than one way to skin a cat!

- W5EJ -

**CHECK YOUR MAILING LABEL - IF  
ERRORS EXIST, WRITE HQ WITH A CORRECTION  
TO MAKE YOUR LISTING IN THE 1990  
DIRECTORY CORRECT!**

## WIICP REPLY TO MEMBERSHIP LETTERS

I received a bucket full of mail after my open letter in the Journal. I feel the least I can do is acknowledge that mail and, bring your letters and expressions of feeling to the QCWA Board. The letters are almost 100 percent in favor of a poll although surprisingly, the majority do not appear apposed to a No-Code license but, without exception, they are opposed to the ARRL approach. I find it surprising that many are inclined to blame the FCC for all our problems. Because you were all kind enough to write, let me share some of my knowledge of the facts with you. There is no doubt that FCC should share some blame for what has happened but certainly not all of it. Budgetary requirements have cut the FCC staff to the bone - for example, the VEC program was not the brain child of the FCC - they got out of the examinations because other people offered to do the job - same with monitoring but, those matters are not pertinent to our present situation.

A few years back a proposal for a No-Code license was put forth by both the FCC and ARRL. At the time I was in contact with the FCC on other projects, mostly FM repeater coordination and band plans. But, I was in the "loop" so to speak, so I knew what was happening. When the ARRL discovered that membership was violently opposed to No-Code, they dropped it like a hot potato, leaving the FCC holding the bag, so to speak. I know for a fact that the FCC would not, under any consideration, approach No-Code unless they received a petition from the ARRL, which they now have, along with 12 others. The FCC issued a notice that they intend to take action but giving only a 30-day comment time on the notice.

When we face the facts, we are going to get a No-Code class of license! Many of us may not like the idea but, it is going to happen. I feel very strongly that QCWA should study all the proposals and then support the best one. We will have plenty of time for that. When the FCC issues a Notice of Proposed Rulemaking (probably within 6 months) there are certain ground rules they will specify.

1. They will not come out with a new class of license. If anything, they will restructure amateur radio and possibly eliminate some of the present license classes
2. I would be surprised if they accept the ARRL proposal and put new no-code licensees off by themselves - they are well aware the CB debacle can happen again

Assuming No. 1 is the scenario, I would guess the FCC might do something like eliminate the code test from the Technician Class license. Give the Techs their existing privileges with slight modification, but still permit them to operate on the Novice CW portions on 10 meters and below.

My feeling at this point is that I in no way like the ARRL plan to place the new amateurs off by themselves - would cause nothing but problems.

The ARRL filing asks for more difficult technical and operating examination but specify that these new amateurs NOT be allowed to build and operate repeaters or remotes. That simply does not make sense and I feel that the FCC will laugh at that inconsistency. It is almost as if the ARRL is making an impossible filing which they know the FCC will not approve so that they can later say - well, this not what we filed for - thereby putting the onus on the FCC or someone else.

Some more of my personal feelings. I know that in order to keep amateur radio and avoid losing more frequencies, we must increase our numbers. I feel that if a No-Code license would actually increase growth, as it seems to have done in other countries, then I am for it. I see no great need for the code as an examination element BUT I do see it as an integral part of our hobby. I would rather see a more up to date examination - possibly more on good operating techniques and signal propagation. It is apparent that the technical aspect of amateur radio is becoming less and less important. I feel the examination should be tailored for what the majority of us actually do.

When it is all said and done, I was elected by the membership of QCWA and while I know I can think and act for myself - I strongly feel the members of QCWA can render sound judgment based on their experience if they have all the facts before them. Therefore I try to act according to memberships desires. In this case, I feel that if we are going to get a No-Code license, we should use our experience to offer guidance when and if the NPRM comes out. This may mean a poll, not on whether or not we like or dislike No-Code but, what tests and privileges these new amateurs would have. I have one rule I try to follow - if it is practical, find out what membership thinks - period!

Thank you all for replying to my comments in the Journal - I owe much to amateur radio and I don't want to see it screwed up, obviously, you feel the same way.

### At its Baton Rouge Meeting

the QCWA Board of Directors discussed the  
matter of No-Code licensing.

In view of the multiplicity of filings with the FCC,  
it was decided that the QCWA position on  
the matter should await a review of the  
proposals filed. See the

### QCWA POLICY STATEMENT

Page 117 of this Journal

## JOE PAVEK, W0OEP - Silent Key

Joe Pavak, born February 18, 1908, licensed as W9OEP in 1933, well known as "old empty pockets", passed away June 20, 1989.

Joe started his "Wonderful World of Wireless" museum in the 1970's - and a wonderful collection he had assembled. In 1987 he donated the entire collection to a non-profit organization that was formed to ensure that the Museum continues to serve the public and the radio community. The Museum is now located at 3515 Raleigh Avenue in St. Louis Park, MN. It is open to the public from noon til four Tuesday through Friday and on Saturday, nine to one. Contact telephone 612 926 8198 for more information.

## S - BAND MAGNETRONS?

Donald M. Johnson, (14713) asks for information from long ago - can you help?

What were the designations of the tube types of S-band magnetrons, e.g., 2J30, made by Westinghouse at Fairmont, WV, for the British and the United States Navy and Army during 1943 and 1944 in WW-II?

What was the name of the German Navy Ship that was anchored in 1943 and 1944 in a European harbor and successfully jammed the British S-band radar until Westinghouse designed and manufactured non-standard-frequency magnetrons and thus permitted the British to sink the ship? When and where did the sinking take place?

If you can help, write Donald at 3876 Yale Way, Livermore, CA 94550

## MIAMI MEETING ANNOUNCED

QCWA Chapters, Southeast No. 12 and Everglades No. 69, are participating with the Florida Section of Radio Club of America, Inc., in the Amateur Radio Luncheon meeting to be held in conjunction with the 30th Annual Tropical Hamboree and ARRL Convention in Miami, FL, February 3, 1990.

The luncheon will be held at the Miami Airport Hilton Hotel. Buffet lunch will be available 11:30 AM to 1:00 PM. Those unable to come for lunch will be most welcome to attend the meeting which starts in another room at 1:15 PM. Speakers will include QCWA President, Harry Dannals, W2HD and Fred M. Link, W2ALU, President of Radio Club of America. For further information contact David Talley, W2PF at 305 868 4131.

## BETTER LATE THAN NEVER!

Kenneth M. Miller, K6IR (06075)  
16904 George Washington Dr  
Rockville, MD 20853-1128

.... forty-nine years after our QSO on 160 meters in November, 1940, what should arrive in my mail but a QSL card from W9SCN! Guess what the motto is to never give up waiting .... some QSLs take a bit longer to receiver .... that's for sure!

A few days after I received my first license on November 5, 1940, I had one of those thrilling first QSOs as a newly licensed ham with the call W9NQT. This QSO was with Carl Swanson, W9SCN on 160 meter AM phone. At the time of this QSO Carl and I lived in Chicago.

This was the beginning of a remarkably identical string of events which occurred independently in each of our lives.

- 1 - we attended the same Lane Tech High School in Chicago but during different years
- 2 - we both worked in the engineering department of the Rauland Corporation, in different years
- 3 - We both were employed by Zenith Radio in Chicago, again during different years
- 4 - Each of our wives are employed in the field of medicine
- 5 - and today, both Carl and I are professionally, and independent of each other, active in the field of radio-frequency interference and electromagnetic compatibility measurement techniques.

We just learned a few days ago how much common ground each of us has passed over. Talk about a small world - and a 49-year wait for a QSL!

## THE OFFICERS AND DIRECTORS

### OF QCWA

### WISH YOU ALL A VERY

### SPECIAL AND WONDERFUL

### HOLIDAY SEASON

## QCWA International Net Sunday, 14347 KHz

Some confusion exists in getting the Sunday afternoon QCWA Net check-ins lined up for easy handling. A procedure has been established by Herb Glead, W6FQ. The outline of the checkin procedure beginning at 2000 GMT is as follows:

Check in is by groups. The groups are determined by the letter following the numeral in your call. That is for example, W4KFC - the letter following the numeral is "K". The group can be found from the listing below:

- |                               |                               |
|-------------------------------|-------------------------------|
| Group 1 - Letters A through E | Group 2 - Letters F through J |
| Group 3 - Letters K through O | Group 4 - Letters P through T |
| Group 5 - Letters U through Z |                               |

Another example, the call W5JHS - letter is "J", and J is in Group 2 above; A final example: the call W4WKQ - the letter is "W", and W is in group 5 above.

Net Control asks for checkins by group numbers as given above. Listen and check in properly.

Do not tune-up on or near 14347. The frequency is in use by the Ex-G net who give it to us at 2000 hours. They are courteous to us, return the favor!

Finally, be brief with your remarks, the last group has to wait nearly 2 hours to get a chance to say hello. You can help by knowing what you want to say before starting.

## CODE NO PROBLEM!

Norman Willis, W5OC  
4053 Highgrove Dr, Dallas, TX 75220

For some time I have been reading various letters on the topic of the demise of amateur radio and that there is no one left except we old goats and that the younger generation is not joining up because of the code test. I am sure that the code could not possibly keep an energetic and intelligent person from getting a license. I well remember the first amateur station heard, on 160 meters phone, and later when I would a smaller coil for my 2-tube blooper, and started hearing 40 meter CW signals. It was a challenge, and I was determined to learn the code so I could read what those operators were saying. Learning the code was not nearly the stumbling block as learning the laws and theory for the written examination.

As for a no-code license for the VHF bands, I believe that would be OK. But, I am afraid that those guys, once they are licensed, might go astray and slip into the HF bands.

I agree with others who say that CW will get through when all else fails. Many is the time I have heard a DX station but was unable to understand his call until he switched to CW - then it was perfect.

I am surprised that so many mention the Morse code - in radio we use the Continental code which is quite different than Morse. If we can't say Continental, why not say "International Morse Code?"

## CODE-FREE COMMENTS!

Wally Bernath, K4UAS  
158 Buckingham RD, Winston-Salem, NC 27104

I think it's about time that the ARRL Board of Directors voted to come up with a code-free license for amateur radio. Even then, they made it too restrictive - 220 MHz and above.

CW is a dying art and I would hope that the code boys go out gracefully and not with a lot of animosity and hard feelings. It's just a sign of the times! A number of other countries have come up with no-code licenses and have thereby opened the doors to make it easier for some of the younger generations to enter a wonderful and fantastic hobby - "Amateur Radio". I talk to many of these amateurs on amateur satellites and I don't come away feeling that someone has to hold their hands.

Let's face it, the younger generations have been schooled during the solid state technology revolution. This includes all facets of electronics - radio, TV, audio, VCRs, Computers, all kinds of communications equipment, including amateur radio gear. I do not agree with Mr. McCoy when he says that we have to hold their hands. Just listen to the ham bands from 160 through 10 meters and you'll find plenty of room for criticism of many of the "old hands" on both CW and voice. They don't seem to be interested in helping anyone - they need help!

Go ahead and have a poll, just to satisfy the wishes of some. Regardless of the outcome, the new-comers to amateur radio via a code-free license will still make out OK. And those who are truly interested will not have much trouble finding older wiser hams ready to lend a hand when and if needed. As to being horrified about the code-free licensees operating above 220 MHz, that's a laugh!

Reminds me of early history when the government and commercial interests told the radio amateurs they could do all the experimenting they wanted to above 200 meters. Might not we and the ARRL be acting the same way?

It takes a lot of know-how to make things work at frequencies 220 MHz and up. I wouldn't worry too much - the younger generations, with the help of amateurs and commercial interests will show us how. What's Mr. McCoy afraid of - that these newcomers might succeed? You can bet your bottom dollar that they will! There are many old-timers that have trouble making things work at 144 MHz and up. They too need lots of help - and it's readily available - That's my story and I'm stuck with it. Still enjoy Ham radio after 55 years plus 73.

## DOES ANYONE KNOW THE ANSWER?

The following letter was relayed to us from Joe Fleming through Leland Smith, W5KL - it is said to have appeared in the December, 1915 issue of QST.

Honorable Radio Secretary Tuska  
Honorable Relay League, America

"I ask to know. When condenser made separators of glass we know dielectric much pressed by electricity. This much sure, why? Tests made show it. Honorable writes of english make tests and demonstration that metal can be vanished and all the same when new metal comes to condenser, yet discharge comes too the same. Why thus the same we see plain that dielectric heart of condenser.

Then now. I ask to know if air I use not glass for important dielectric does it obtain pressed like glass? Honorable American teachers tell me yes. Air - glass - mica all same without difference among them.

Then now again how? Suppose I have air variable condenser and I the air vanish by blowing by breath. Goes away quickly the air. How goes my electricity charge? Goes it too? I think not. Then how charge gets back?

Explanation me Honorable Radio Secretary for which accept my assurances most distinguished consideration."

/s/ Kathis Kathkan

## A CLOSER LOOK.

Hank Kohl, K8DD  
1640 Henry, Port Huron, MI 48060

I read with interest the letter from Ken Johnson, W6NKE, about amateur radio from the eyes of a newcomer. Teaching a few Novice classes over the past few years, I tend to see it, or teach it, with a different view.

We tell the students that while there are a lot of the "stereotyped, signal report, location, weather, description of rig and antenna" contacts due to the DX station not understanding a lot of English (or the English speaking station not understanding a lot of Russian, German, spanish, etc) there are a lot of very good ragchews with G's, VK's, ZL's, W's, etc. With a lot of luck and some skill they could end up talking to Chet Atkins, Ronnie Milsap, the King or Queen of Jordan, an astronaut with NASA, their computer serviceman, etc.

Yes there are many groups that meet on all bands. Most all of the traffic nets will take a newcomer under their wings and, if he is willing, teach him/her all about traffic handling.

Sure there are arguments as to who owns what frequency. There are also arguments at the local computer club, photography club, etc.

Now to the DX situation. With all the pile-ups, screaming, yelling, etc, it IS a wonder anyone gets through. I've played tapes of pile-ups in the Novice class. Then I try to explain what an exhilarating feeling it is when your a) work the new country, b) work the new country with your Argonaut at 4 watts, or c) have the DX station come back and call you by name. Then there are contests. I've been called some fairly demeaning names during a few contests, but I have also been called a few names driving through town, too.

UHF-VHF listening sure is interesting. You can find out anything on 2M FM that you ever wanted to know about any subject. Especially down around the Detroit area, where there are more hams. The jammers come and go - mostly go, if they are ignored.

As to no-code being the problem, or solving the problem of the Amateur Radio population - I'd like to see us sell Ham Radio to the public via non-amateur magazines, cable and public TV, and the rest of the media. It seems to me that we need publicity to the non-amateur population more than we need no-code.

Maybe I'm spoiled living in a small town on the southern end of Lake Huron, but I could go on and on about how great Amateur Radio is, and has been for the past 31 years, 7 months, 8 days and a few hours.

## REMEMBER THEM?

Ken Johnson, W6NKE  
8300 Oso Avenue, Canoga Park, CA 91306

As I look back over more than fifty years of ham radio I've never forgotten the wonderful hams that got me started in this great service. My first encounter was with a home brew crystal set. With this I heard Ted, W6CSP, who lived nearby and was on 160 meters. At age twelve, I thought whatever he was doing on the air must be one of the most fascinating things a fellow could do. Scouting his house I found that, if there was thing that looked like a ladder to a piece of wire on the roof, that must be the place. I was too young and timid to knock on his door and ask questions. From that, I expanded my survey throughout the neighborhood, looking for those little ladders. With great trepidation, I knocked on a door and asked, "does a radio ham live here?" That's when I met W6HRU, long a Silent Key, who took me under his wing and taught me how to wind tank coils out of soft copper tubing, grid coils on the center cylinder of toilet paper rolls and helped me build my first transmitter, a pair of UX-199 tubes in PP TPTG. He also helped me build a regenerative receiver using a 201-A tube. By scrounging behind local radio stores I came up with an A and B battery eliminator from old, junked sets. I had it made!

I could go on and on but those were great days for a kid, just arriving in his teens. Calls I remember, that led me into ham radio are, W6FOQ; W6DLS; W6CSP; W6BBN; W6EA; W6EB; W6CII; W6CQK; W6DUC and many others. Of all, I owe a special thanks to W6ESK (now KH6D, QCWA (11,035) for his patience and encouragement. Mel put up with me for many, many hours on Sunday afternoons.

He had a cat that used to lie in the power supply to keep warm. Every time my cat lies on the rig, while I'm on the air, I think of my special friend, W6ESK/KH6D!

Now, what is the theme behind all of this nostalgia? We of the QCWA have had similar experiences, we remember those that gave of their time and energy to help us become hams. Those who encouraged us and put up with us when we were, sometimes, a pest around the shack. I know I was! The "bottom line" is that we, with our experience, should be searching for ways to help the "current generation" to understand the joys and accomplishments of ham radio. We should be the leaders in this effort! QCWA is a unique organization. It embodies the experience of years with knowledge of the current state of the art of electronic communications. How can you help? Prepare and give talks to your local radio clubs! Get on the Novice bands and let them know "what it was to be a ham and what a great thing it is today". Let them know that we are The Amateur Radio Service and we are ready and willing to pitch in and help with emergency operations with the ARES, RACES etc. Let them know that getting a ham license makes them a "Very Special Person"!

## 250 MILE LIMIT!

J. L. Copeland, W5SQT  
Box 110, Wolf City, TX 75496

Dear Ted: Much has been written pro and con about code-free licensing. I wonder how many old timer are around that remember when the code requirement of 10 wpm could be met by making an affidavit that one could receive and send code at a rate of 10 wpm. With the affidavit duly notarized, it was accepted was proof of code proficiency. Many hams who lived in small towns and rural areas did this and obtained two-letter calls. Some of them operated AM phone and never really operated CW. Others did get on with CW and learned the code because they did not work AM, even with loop modulation.

Editors Note: It was possible in the late 20's, to get a temporary license if one lived at least 250 miles from the regular examining point. The temporary license was good until the RI made a trip to within reasonable travelling distance - then you had to take the personal exam to stay licensed - that was the way I got mine in 1929.

## HEADQUARTERS OFFICES

RECEIVE HELP FROM MANY MEMBERS.

RECENTLY, DUE TO SPACE PROBLEMS, WE HAVE

NOT BEEN ABLE TO LIST THOSE WHO

CONTRIBUTE SO MUCH TO MAKING OUR

WORK POSSIBLE.

FROM THE BOTTOM OF OUR HEART -

THANK YOU ALL SO VERY MUCH

K5YL - W5EJ - W5ZUT

## MEMBERS DAY-DREAM TOO!

Al Smith, W0PEX  
3529 Douglas St, Sioux City, IA 51104

When I was a young man living in Jansen, NE, near Fairbury, I used to copy code practice from KSAC in Manhattan at the noon hours. They shared the same frequency as WIBW, Arthur Cappers station in Topeka. I started in ham radio via a conditional license which you could get if you lived more than 125 miles from a regular examining point. I sure remember KFKB at Milford! I rode with a friend on a motorcycle to Kansas City to take my First Class Radiotelephone License examination. I applied for part-time work at every radio station in the midwest, working for a few days, a week or what was needed to fill in. My first regular job was KMMJ at Clay Center, NE,, then to KMA, Shenandoah and then to KFAB-KFOR at Lincoln. In 1937 I moved to Sioux City to work for KSCJ where I later became acting Chief Engineer and was involved in putting a 4-tower direction antenna into service so that KSCJ could be full-time with 5 kW. It was interesting to be involved with Dr. Victor Andrew, who designed the array and furnished the equipment. During the installation in 1940 -41, we lost three towers. First the original self-supporting tower, then a newly installed guyed tower was lost in a bad ice/wind storm. The third tower was lost just after the array was completely tuned. . . Doc Andrew accidentally ran into a guy wire at 3AM, he thought the wire was sunflower. So, we had to start all over again. We obtained temporary operation permits during construction every 10 days. During this time a fellow came around wanting tower-painting work. I told him we didn't need that since we had just replaced our towers with new ones.

It was difficult to satisfy the FCC with our field measurements while attempting to prove the pattern null depths and locations. To finally finish the proof, the FCC agreed to proving the pattern by flying circles at to different distances from the array, using a recording graph meter connected to the Federal field strength meter. This meter required a 6-volt storage battery which made it unhandy to use.

Editors note: Code practice from broadcast stations was common in the late 20's and early 30's. I had never heard the story about Dr. Andrew driving into a guy-line and dumping a tower! KMA and KMMJ were popular stations, selling almost everything direct mail. KMMJ was later purchased by Don Searle and Herb Hollister (W9DRD). And, that old Federal 101-C FIM was almost as bad, not quite, as the RCA TMV-75B. Both required heavy battery supplies and it was common to hire young men to carry the batteries when making the 0.2 to 2.0 mile walk-in radials about the antennas.

## POOR HOMEWORK?

David Talley, W2PF  
10275 Collins Ave (1533-s), Bal Harbour, FL 33154

This is being written with reference to the letter from Director Lew McCoy, W1ICP and comments by Editor Ted Heithecker, W5EJ, in the Fall, 1989 QCWA Journal. I am particularly amused by Lew's statement, "The very thought of placing these new amateur above 220 MHz, all alone, literally horrifies me".

Lew McCoy, as usual, did not do his homework properly. Novices, since their inception about 35 years ago, always were confined to certain small segments of the 75,40,15 and 10 meter bands, and to

222.1-223.91 MHz in the VHF bands. During these years, General and higher grade radio amateurs were constantly encouraged by the ARRL to operate within the Novice bands, in order to train Novice operators in proper operating procedure and to inspire them to upgrade to General and higher classes of licenses. There certainly is no evidence that Novice operators evolved into the CB type as Ted, W5EJ, seems afraid will happen with the proposed "Communicator" class.

Instead, it is reasonable to expect that fellow hams, including many QCWA members who started as Novices, likewise will assist the new "Communicator" hams. Furthermore, contrary to Director McCoy's statement, the "Communicator" would be able to build and test his own amateur radio equipment. However, just as the Novice ham, he cannot be the control operator of a repeater or auxiliary station.

Thus, it would be unwise for QCWA to spend money for the absurd poll suggested by Director McCoy. Instead, money should be used to further publicize QCWA among the Amateur Radio Fraternity. Growth in QCWA membership depends almost entirely on Radio Amateurs who have been licensed for 25 years since 1971 (25 years after WW-II).

Editors Note: Notwithstanding, it deeply concerns me that the newly proposed class of amateurs might be isolated above 220MHz -and, unless I misunderstand the matter, will be comprised of bright, high-tech younger people who will be using digital systems of communicating - essentially among themselves since we old timers who are presumed to be good operators do not, as a general rule, have facilities to work into the frequency ranges and modes anticipated and, those very hi-tech systems of communications expected do not readily lend themselves to the personal touch of voice and CW contacts that abound in the HF bands that have been historically used by Novice operators. Perhaps we are over-reacting - better that than to leave the possibility unconsidered?

## (BHS) BLEEDING HEART SYNDROME!

Ray Wood, W9SDY  
2545 Parkwood Dr, Yuma, AZ 85364

Following is a copy of a letter addressed to W1ICP - Ed.

I read your letter in the QCWA Journal and want to give you my thoughts on the subject of No-Code licensing.

I have several friends who are excellent Advance Class hams who once held the highest class of ham license available, namely Class A. Noting the bleeding hearts of ARRL and the FCC for Novice hams by granting phone privileges, I appealed to them to grant all the old Class A licensees the EXTRA Class, which the old FRC did for the "Spark" boys, and which action I applauded at the time, but felt that it was a dirty deal for the Class A hams, and it still is.

Now the same bleeding hearts want to grant privileges which were hard-earned by the amateur community. That is exactly like granting a medical license to a doctor who has not surgical ability. He may not practice surgery, but he had to learn it sufficiently to get his license. The same applies to hams, whereby the code distinguishes us from CB, which, admittedly, is a disgrace.

Please pardon me for missing the Fall newsletter. The past Summer was rather hectic. Fall has not been much better. The promised introduction to digital satellites will be modified somewhat to include educational aspects of the Amateur Satellite Service. I believe that the members of QCWA are in a unique position to help introduce the educational benefits of these satellites to the school systems in the United States. Amateur radio satellites have been used heavily for educational purposes in the United Kingdom and other countries for several years. There are some isolated uses of these satellites in schools within the U. S., but nothing close to the usage in the United Kingdom. I believe that the principal roadblock, within the U. S., is the fact that each local school board must be convinced of the benefits of this program. QCWA members have the time, experience, local contacts, and dedication to make this opportunity available to our schools. AMSAT is willing and anxious to support this operation. Enough of an introduction, lets get on with describing the digital "Birds" and their educational opportunities.

## Current "Birds" - UO-11 & FO-12

Uosat Oscar 11 (UO-11), built by the University of Surrey in England, has done yeoman service since March, 1984. It combines the bulletin service, telemetry, Digtalker, and scientific experiments of its predecessor, Uosat Oscar 9, with the first prototype of a "store and forward" packet bulletin board capability. This "store and forward" operation is implemented through the Digital Communication Experiment (DCE) hardware and software carried on UO-11. Ground based "Gateways" have been established throughout the world to facilitate connection of the land based packet radio network to UO-11 for message relaying.

As an educational tool, UO-11, provides many opportunities. First, it is in a low, polar, Sun-synchronous orbit which minimizes the RF equipment needed to use the satellite and provides access to the satellite at approximately the same times each day. The commonly used downlink for this "Bird" is 145.825 mhz FM, and it can be heard with a HT and a "Rubber Duck." For classroom demonstrations, a simple two meter turnstile antenna connected to a two meter FM radio would be an excellent choice. Listening to the "Bird" live is interesting, but the real educational value comes with the ability to hook a computer to a radio and copy the telemetry and bulletin information. The computer can also be used to predict access to the satellite. Connection between the radio and the computer world can be made through a Bell 202 Modem, PK-232 in ASCII mode, or with a dedicated decoder board available from AMSAT-UK. Some typical uses of the satellite in education follow:

1. Study Orbital Mechanics - predict access to the satellite with a computer and verify by actual observations.
2. Study radio equipment.
3. Use telemetry as consistent source data for problems set up to teach scientific reasoning.

Your imagination is the only limit. The Digtalker was successfully utilized during the Russian - Canadian Skitrek two years ago as a position reporting device that could be heard world wide. Progress was followed by schools hroughout the world over the three month period of the expedition. Schools used this to spark

interest in Geography, Science, Social Studies and other disciplines.

Fuji Oscar 12 (FO-12), built by the Japanese, provides the first full implementation of the packet radio "Store and Forward" concept pioneered by UO-11. This mode "J" satellite has been successful in demonstrating the value of digital techniques to the direct satellite user. Unfortunately, FO-12 suffers from power budget problems which limit the utility of the satellite due to its irregularity.

## Future "Birds" - Microsats & Uosats

Early in 1990 a covey of new "Birds" will be launched from a common Ariane launch vehicle. Four Microsats and two Uosats make up this covey. Descriptions of these satellites can be found in QST (May, June, and November 1989) and in the May 1989 issue of 73. The point that I would like to make here is that these new satellites will continue in the tradition established by UO-9, UO-11, and FO-12, and will greatly expand the digital communications and educational capabilities pioneered by the current satellites. The project DOVE Microsat sponsored by Brazil AMSAT (BRAMSAT) is unique in its capabilities for education.

The Digital Orbiting Voice Encoder (DOVE) project was conceived by Dr. Junior De Castro of BRAMSAT as an educational tool and messenger of international good will. Its major function is to carry a sophisticated digital voice synthesizer and associated telemetry, control equipment, and radios. The synthesizer will be used to transmit messages supplied by school children world wide. The voice of the child supplying the message will be re-created by the synthesizer. In addition, the synthesizer can also "speak" telemetry data to be used in other studies and to assess the health and welfare of the "Bird." Detailed plans for utilization of this new "Bird" are being formulated by BRAMSAT and AMSAT-NA. With the right promotion by these organizations and with help from QCWA members this project could become one of the most valuable educational tools so far, not to mention its value in introducing youth to the "Wonderful World of Amateur Radio."

## Summary

The current digital satellites demonstrate the value of digital communications for message handling and as an educational tool. Capabilities provided by the current satellites will be greatly enhanced by the new covey of "Birds" planned to be launched on 19 January 1989. QCWA members are urged to become familiar with the educational opportunities provided by these satellites and help introduce them into the schools of the world for the good of the children and amateur radio. Further information on this subject will be provided in future editions of this column. As a side light, Uosat Oscar 9 completed a long and successful mission on 13 October 1989. It re-entered the Earth's atmosphere and burned up on that day. It was launched on 6 October 1981 and was still providing full function to the bitter end. Even its demise was used by many people to study the final stages of orbital decay. AMSAT-UK even sponsored a contest with prizes to the person predicting its demise with the greatest accuracy.

See you in the classroom and on the keyboard.

# 1990 QSO PARTY

QCWA JOURNAL - WINTER ISSUE, 1989  
Volume 38, No. 4

## QCWA 33rd ANNUAL QSO PARTIES - RULES FOR 1990

There are Awards but remember this is a Party not a Contest  
Treat it as such!

Rules for the 1990 Annual QSO Parties. We had 154 CW and 158 Phone logs sent in for checking for the 1989 QSO Parties - know there were lots more of you that participated but we didn't see your logs - keep up the good work and let's have even more and more QCWAers participate - some chapters are among the missing, please talk it up and see if we can't get at least one from every active chapter in both Parties. The QCWA QSO Parties are the perfect time to renew old acquaintances and say hello to friends you may not have talked to in the past year. It's time to 'limber' up the old fist and 'oil' the throat - no matter which you prefer, there's fun available in the Parties for everyone.

A little history - back in 1957, Stan Belliveau, W7AYO, in a moment of inspiration, started the first QSO Party. It was made into a real success by Dr. Spike, W7OS and Charles Emigh, W7ER. Let's try to follow in their footsteps.

This is to be a FUN party. There will be plaques for the top PHONE and CW scorers - world-wide. There will also be certificates given for the next 4 runners-up in both phone and CW party activities. Certificates will be issued to the high-scoring station, both PHONE and CW, in the United States and in each of the six continents - Europe, Asia, Africa, South America, Oceania and North America. Standings and scores will be published in the QCWA Journal, Summer of 1990 issue. Remember that the emphasis is on FUN and GOOD FELLOWSHIP - or just talking to one another. PLEASE DO REMEMBER to turn your beams to Europe and Alaska to work the guys and gals in those areas, as there were many operating from there in 1989..

There are two QSO Parties - the first party for CW and the second party for Phone. They are on separate weekends.

### TIMES OF THE PARTIES

*EST. 7PM FRI to 7PM SUN.*

The annual QSO Party for CW will be held February 10 and 11, 1990. The CW Party will begin at 0001 UT, Saturday, February 10, 1990 and end at 2400 UT, Sunday, February 11, 1990.

The annual QSO Party for PHONE will be held March 10 and 11, 1990. The Phone party will begin at 0001 UT, Saturday March 10, 1990 and end at 2400 UT, Sunday, March 11, 1990.

### OFFICIAL RULES

#### CONTACTS:

Each contact with another QCWA member will count as a single (1) point on each band

#### MULTIPLIERS:

This QCWA party has 2 multipliers. Every NEW chapter worked is a multiplier of one (1). You can count a chapter only once, regardless of how many bands you work

If you do not belong to a QCWA Chapter, please use 'AL' (at large) as your chapter - Please note the following sentence carefully - One (1) 'AL' (at large) may be

used as a multiplier for EACH state, province or country.

#### SCORING:

TOTAL NUMBER OF CONTACTS TIMES TOTAL NUMBER OF MULTIPLIERS EQUALS YOUR FINAL SCORE. Remember each chapter can only be counted ONCE and ONLY one (1) 'AL' contact from each state, province or country may be counted as a multiplier. Please make your contact numbers in order, DO NOT USE A DIFFERENT SET OF NUMBERS WHEN CHANGING BANDS. The last page of the log MUST show the total number of contacts times the total number of multipliers - this will equal the Final Score. Print your final score on the first page of your log.

#### EXCHANGES:

A valid QSO must contain the following minimum amount of information exchanged between stations: (If all are not there the contact will be disallowed).

- QSO number, both sent and received
- Operators first name
- Chapter identification (official number or name)  
Members not affiliated with a chapter use 'AL'
- State - must be there for all 'AL' contacts and should be there for ALL contacts.

FREQUENCIES: 160 Meters (Suggested times 0400-0500 and 1200-13-- UT). 6 Meters (ssimplex) 2 meters (simplex)

Suggested starting frequencies:

<u>PHONE</u>	<u>CW</u>
3530 - 3560 kHz	3900 - 3930 kHz
7030 - 7060	7230 - 7260
14030 - 14060	14280 - 14310
21040 - 21070	21350 - 21380
28040 - 28070	28600 - 28630

NO CONTACTS ON - 10 MHz 18 MHz 24MHz (3 WARC bands)

The above frequencies are selected as starting places. When pile-ups occur don't be afraid to go either side of these frequencies. Be sure you check the frequencies for use before you give a call!

NO NET - NO CROSSBAND  
NO REPEATER CONTACTS ALLOWED

#### LOGS:

Please use the standard QCWA log or prepare your own (20 contacts to a page) using the same format as printed on QCWA JOURNAL log form. Put name, call, mode, QTH, date and chapter number or 'AL' on First Page - put your call on all other pages. The last page of the log MUST show the total number of contacts times the total number of multipliers - this will equal the FINAL SCORE. The Final Score should also appear on the first page. DO NOT MIX PARTIES. Be sure everything is legible! (Please look at your log carefully and decide if you

# 1990 QSO PARTY

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would like to check another 100 plus logs just like it) LOGS will not be returned. If you qualify for an award, BE SURE TO REQUEST THE AWARD YOU WANT ON THE FIRST PAGE. - If you already have it, do not ask for a second one. (If you ask for a 100-member award you must identify the 100 on the side of the page or send your 'dupe' sheets. It is not up to the Log checkers or the Activities Manager to find the 100 members)

Mail your logs to the address below and please put CW or Phone on the envelope: CW & Phone Logs to:

Walter Brink, W3WPY

919 Cloverfields

Kent Island, MD 21666-9363

He is a member of DEL-MAR-VA Chapter #150

This Chapter will check the logs

Separate logs and scores must be submitted for both the CW and Phone Parties. ALL LOGS MUST BE POSTMARKED by March 26, 1990 and RECEIVED by April 9, 1990. All logs postmarked after the above date will be entered for listing only. Logs with just one contact count - they will help with checking.

PLAQUES will be awarded to the Top Scorer World-Wide, in each party.

Work as many QCWA members as you can and then apply for the several special QCWA certificates which you may have qualified for (that is, if you don't already have them).

Worked 50 States Certificate    Worked 60 Chapters Certificate  
Worked 100 members Certificate  
Worked 500 members Certificate

As old-timers, it is most important that we establish a record for courteous treatment to all amateurs. Use the good operating procedures you have always used, give the other guy or gal a break and enjoy the QSO Parties.

The decision of DEL-MAR-VA Chapter #150 of QCWA will be final with respect to rules enforcement. The final decision, after verification of scores, and publishing of the information is the responsibility of the Activities Manager. In event of errors or a disagreement, keep all details off the air, write to the Activities Manager

HAVE FUN -- Onie Woodward, W1ZEN, Activities Manager

(Note: Log sheet & talley sheets are available, pages 156 - 157)

For those not familiar with the process, shown below  
is a sample log with entries and showing  
the way the counting is done

18865-W3TDF

251  
81  
151  
2008  
20231-K3CP

## 1990 QSO PARTY LOG FORM

Name Pete Smith Call W7XXX Final Score 30

Address SAMPLE ENTRIES

Number & Street

City

State/Country

Zip

PHONE      CW      CHAPTER      QCWA No.     

Date	Time	Station	Sent	Rcvd	Name	Chap. No.	State/Country	Freq Band	RST	Point	Multiplier
3/11	0010	W1ZEN	1	2	Onie	112	MA	14	5/9	1	1
	0015	W5EJ	2	5	Ted	41	TX	14	5/9	1	1
	0020	W6XYZ	3	10	Joe	AL	MT	7	5/9	1	1
	0025	W5EJ	4	15	Ted	41	TX	7	5/9	1	
	0027	W1XYZ	5	20	Mike	AL	NA	7	5/9	1	1
	0028	W4BK	6	20	Art	128	FL	3.8	5/9	1	1
								TOTALS	=	6	5

### SUMMARY QCWA BOARD MEETING

Oct 19-20, 1989

BATON ROUGE, LA

Meeting called to order by President Harry Dannals, W2HD. All the Board present except Pete Backstrom who was in attendance Oct 20th. A moment of silence was observed for those QCWA members who had passed away since our last meeting.

The Board elected Jim Walsh, W7LVN to fill the uncompleted term of Director Leo Meyerson, W0GFQ who had officially resigned. Jim joined the Board meeting in progress.

All Officers provided their activity reports. Our new President gave a brief report on his recent activities attending the IARU Conference in Orlando and an informative discussion on the upcoming WARC-92 and its importance to Amateur Radio.

The General Manager's report dealt with the continuing problems of membership and early drop outs. He also discussed the on-going efforts to improve and add to the data base which is now including birthdates of our members. He advised that the Membership Directory is about ready to go into printing. He was authorized to secure a service contract on all computer equipment at HQs.

The Secretary's report commented on Jim's prompt action in transferring electronic and hard copy files to the new Secretary and his last minute efforts to windup the Nominating Committee report. The new Secretary's report covered actions in setting up the new file and getting acquainted with procedures and correspondence activities. Considerable time was spent in preparing for the Board meeting.

The Treasurer's report included a proposal for increasing membership dues to off-set the predicted postal increase. The recommendation will be studied and presented again in April. The Board accepted the Treasurer's report.

The Canton, Ohio Chapter #21 offer to Host the 1991 QCWA Convention was accepted and the Secretary will officially accept the offer from the Chapter.

Director Esther Given, W6BDE, recommended two additional award certificates: 1) Award for Chapters, 2) Award for Chairman of Committees. Certificates were presented for approval. Vice Pres. Winter, W5HD, proposed that the Journal publish information on our awards.

An extensive report was given by Stu Meyer, W2GHK, on the present FCC situation. The situation has become more critical in connection with frequency allocation (220 etc). Commissioner Dingle has proposed that the Government (FCC) release some 250 MHz of spectrum to the private sector over the next ten years. QCWA should establish close contact with FCC and ARRL - review agreements with ARRL and CRRL in connection with current problems ( interference etc ).

No-Code License: The Board discussed the possible license restructuring and a no-code license. See this issue for a QCWA Policy Statement.

Provisions have been made for issuance of tapes for the blind for those who are not members of QCWA Chapters.

In depth discussion on membership. GM advises that one year memberships suffering heaviest drop-outs. Plans underway to assist Chapters in large cities to improve recruitment. General Manager making mailing labels available to all Chapters. Remember: "Way to get new Member - Ask Him!"

Nominating slate for new Directors for 1990 was presented which totaled 11 names including two incumbents. The Secretary was informed that one nominee, Neil Foster, KC4MJ, had inadvertently been left off the list. This being corrected it was moved and seconded that the nominees be accepted - the motion was carried.

Plans are underway to provide QCWA publicity for large Hamfests, ie, Dayton and Miami.

Consideration is being given to reducing QCWA Scholarship Awards from 7 to 6 and increasing the award amount to \$1000. Scholarship Committee will study the proposal and report back to Board in April. It was agreed to leave the present name Scholarships alone with the award at \$750. The QCWA Silent Key Memorial Scholarship Fund was renamed the QCWA Memorial Scholarship Fund.

A job description for the Taping Coordinator was submitted and approved by the Board. This will be placed in the Director's Guide.

The 40th Anniversary Yearbook is ready for typing. Stu Meyer, W2GHK, advises it still needs final proof reading with careful attention to call letters. He had requested that members of the Vic Clark Chapter #91 do the proof reading. Stu Meyer was congratulated for his work on the Book.

QCWA Museum: It was determined that wireless equipment and QCWA memorabilia would be loaned to the University of Cincinnati. Stu Meyer is making the arrangements.

It was agreed that the General Manager should prepare a program for the establishment of QCWA Archives.

Board members discussed at length the up-coming WARC-92 and how we should become involved. IARU recognizes only one organization from each Country. Therefore, we will work through the ARRL.

Building Committee: Meetings being held by three Committee members plus Treasurer, Wes Randles. Several proposals are to be presented by the Committee.

Educational Committee: The President will appoint individuals to work with the General Manager to develop specific program outline and specific instructions.

Director Jack Kelleher, W4ZC, will continue the study on the design of a new QCWA QSL card.

Nominating Committee for 1991: The President has contacted and secured agreed participation of 5 QCWA members to be on the Committee. Follow-up correspondence with necessary

information will be made by the Secretary.

PRB-3: The matter of call sign re-assignments has and will continue to be studied by Lew McCoy. Though several proposals have been discussed with the FCC, no final solutions have been found.

Biological Effects of Non-Ionizing RF Radiation. Director Jack Kelleher submitted a report on this subject that was recently published in the IEEE's "The Institute". He will obtain a copy of the OTA report and will prepare a suitable report for publication.

Utilization of QCWA Data Base files may be used for research on long term biological effects of non-ionizing radiation. This is very serious subject - special efforts will be made to add additional member information, ie, death date - cause of death etc. This information could be extremely valuable to Government Researchers.

Chapter Historian: It was pointed out by Jack Kelleher that Chapter background information is often difficult or impossible to obtain. It was agreed that the General Manager would pass information through the HLR and Journal advising Chapters to appoint Chapter Historians. Specific information will be provided in the Chapter manual.

A copy machine including a service contract in the amount of \$2500 was approved for use by the Secretary. Jack Kelleher was designated to assist the Secretary in the selection of a suitable machine.

The date for the Spring Board meeting was established as April 20 and 21, 1990.

A travel fund increase of \$1000 for membership contact was approved for the General Manager.

A single page financial report will be published in the Journal.

Bill McGrannahan, KC Convention Chairman asked and received approval from the Board to use the QCWA call sign and license, W2MM, in connection with the KC Convention. The GM will provide necessary information and regulations in connection with the use of the station license.

### NOMINATING COMMITTEE SUBMITS SLATE OF CANDIDATES

The 1990 Nominating Committee, headed by Merle McLaughlin, W7DNY, submitted its final report to the Board of Directors at the Baton Rouge Meeting. 1990 is a so-called "off year" wherein there are no officer-candidates. Five Directors will be elected. Those nominated by the Committee are:

George J. Apfel, W2GHV  
Walter L. Brink, W3WPY  
Milton E. Chaffee, W1EFW  
El Charlton, W5MD  
Mary E. Lewis, W7QGP  
Lew McCoy, W1ICP

Robert E Ray, W5ZMI  
Bob Rickey, NF6P  
Jim Walsh, W7LVN  
John Weber, KA2IXW  
Neil Foster, KC4MJ  
Wally Nelscog, W7DGQ

Further nominations for the offices of Director are solicited from the member of QCWA. A valid petition of nomination must have the signatures of at least 25 QCWA members in good standing, and be submitted to the Secretary of QCWA no later than December 31, 1989. Since this issue of the Journal will not be in the hands of Membership much before December 15, time for such nominations is very short. An announcement was made in the HLR for November, and previous announcements of the nomination by petition route have been previously published.

The Officers and Board of QCWA wish to thank the Nominating Committee for their work. Those participating were: Fred Linn, W9NZF; William Staples, W4SME; Betty Stratton, W2PVS; Leonard Yerger, K6SS; and Merle McLaughlin, W7DNY. Thank you, each and every one for a job well done.

### QCWA DIRECTORS

#### **Here's a story about a QCWA Director who takes Her responsibility seriously.**

Moss Beach, California is within a 30 mile radius of the epicenter of the recent earthquake of October 17. Director Esther Given, W6BDE, was scheduled to fly to the QCWA Board Meeting and Convention sixteen hours later. Following the 7.1 Super-shake, all media advised that roads were impassable, traffic gridlocked, airports inoperable and home the safest place to be. One questioned the latter when the freezer, fridge, kitchen cabinets etc, had all barfed their contents during a 15 second jiggle. After a 6-hour clean-up of the QTH and a sleepless night watching horror news on TV, Baton Rouge sounded more and more like a good evacuation point. Telephone communication was nil and air travel information was unavailable. The ham-bands were loaded with health and welfare traffic, so the only alternative was a do-it-yourself project. Thus 12 hours and 300 after-shocks later, at 5:04AM on the 18th, a doubtful but determined QCWA Director, whose attendance record had been perfect for 6 years, took off on the 18 mile drive up the Coast Highway, over Devil Slide (where the roadbed is 500 feet above the sea, as the San Andreas fault slides into the Pacific), across the Coast Range and east to the airport on San Francisco Bay. A check at SFO's departure level confirmed that a flight to Louisiana was scheduled to leave four hours later. The wonderful welcome at QCWA Convention Headquarters for the refugee from Shake and Bake Land, was a sincere blend of thanksgiving, friendship and affection that will be cherished forever. Thank's y'all!

/s/ Esther, W6BDE

So - you can see that like the USPS, neither rain, snow or the San Andreas Fault can keep a determined QCWA Director from attending a meeting! It is probable that had you asked the Mayor of San Francisco whether or not there was a chance of getting to Baton Rouge on October 18, he'd have said "impossible". Like the famed Bumble Bee, who can't fly - Esther, who didn't know it was impossible went ahead and got the job done!

Don't ever believe that we don't have dedicated QCWA Directors and Officers!

**HAIL, QCWA FOREVER**

## FOUNDATION FOR AMATEUR RADIO ANNOUNCES RECIPIENTS OF QCWA 1989 SCHOLARSHIP AWARDS

On August 9, 1989, the Foundation for amateur Radio who administer awarding of QCWA Scholarships, announced names of those receiving the awards. QCWA scholarships were issued to the following young men and women:

Christopher Galassie, AD9Q - Champaign, IL  
Rebecca Beth Knoll, N4JST - Staunton, VA  
Robert M. Popella, KA3HIE - Belle Vernon, PA  
Colin J. Smith, KB5BSH - Ada, OK  
Diane E. Willemin, KE8DJ - Cleveland Hgts, OH

The Leo Meyerson Family Scholarship was awarded to Laurie A. Sandell, N2FSO - Larchmont, NY

The Robert S. Cresap Scholarship was awarded to William H. Sands, KA3FXX - Pennsburg, PA

Christopher Galassie is a graduate student at the University of Illinois studying toward a Doctorate in Computer Science and in medicine toward an MD. He has an outstanding academic record and finds time to be an active radio amateur. He was recommended by Raymond Brehm, W9AJH (10862)

Rebecca Beth Knoll is a history major at Southern College with a first year grade point average of 3.91. Her mother, father and brother are all amateurs. Her sponsor was Clinton Campbell, KB4OLM (47347)

Robert Popella plans to major in secondary education at Clarion University. All members of his family are Amateurs. He enjoys chasing DX and was recommended by Clarence Waller, W8RVU(9945)

Colin Smith plans to attend the University of Oklahoma seeking a degree in Electrical Engineering. He has received several civic and scholastic awards and has a fine academic record. He was sponsored by Clifford Collier, W5LJI (17664)

Diane Willemin comes from an all ham family and continues her graduate studies toward a Doctorate in Biomedical Engineering. Her sponsor was Donald Sealy, W8QKO (13400)

Laurie Sandell, second recipient of the Leo Meyerson Award, has an excellent academic record and has been accepted in the Honors Program at the University of Wisconsin. She too comes from an all ham family. Her QCWA sponsor was Anthony Quadrine, NX2H (20948)

The Robert Cresap Award went to William H Sands who is continuing his studies in Electrical and Computer Engineering at Carnegie-Mellon University. Across the board his activities in school and in the community are outstanding. His QCWA sponsor was Wilmer Shaw, W3BUR (3276).

QCWA extends its thanks to the Foundation for Amateur Radio for its efforts in connection with receiving, screening and awarding QCWA Scholarships.

## QUARTERLY REPORT OF MEMORIAL FUND GIFTS RECEIVED

QCWA Nutmeg Chapter 149  
Northwest Ohio Chapter No. 142  
Atlanta Chapter No. 49  
Memory of W4QQ  
Dallas Chapter No. 41  
Memory of W5NC and W5ATQ

Lee DeForest Chapter No. 123  
Wisconsin Chapter No. 55

Suncoast Chapter No. 53  
Memory of KA4NFW, W8KCY  
K4FTX

Pittsburgh Chapter No. 6  
Memory W3LPP

Quarter Century Wireless Women  
Chapter No. 120

Pine Tree Chapter No. 134

## LEO I. MEYERSON, W0GFQ

The life and career of Leo Meyerson, W0GFQ as we have observed it, can be written very simply. No one who has ever approached him for help has been turned away and a very large number who did not approach him received his encouragement. I have known Leo personally for 16 years - not a very large part of his active life in Amateur Radio, but enough to have witnessed his contributions. I have never known him to say "no" to a plea for help.

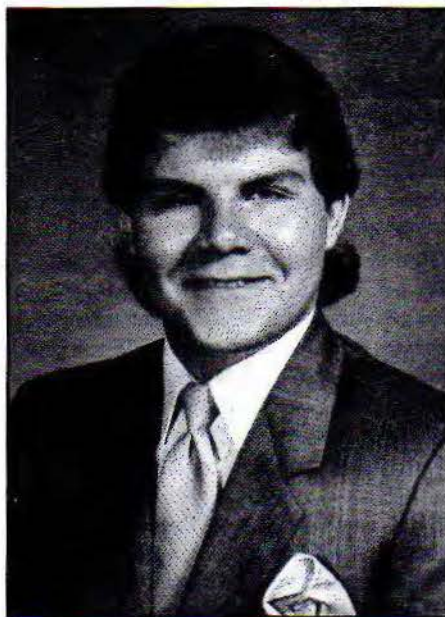
Leo was on hand when the QCWA Memorial Scholarship Fund was originated in July, 1977. QCWA President, Frank Gunther, W2ALS and QCWA President Elect, Harry Gartsman, W6ATC proposed that QCWA establish a Memorial Scholarship Fund. The Board approved the proposal and Leo was requested to oversee the operation. As usual, he accepted the responsibility. He has been at it in a continuous fashion for the past 13 years. The Fund has grown to a respectable size . . . With his encouragement, QCWA Membership willingly supported the Fund, making hundreds of contributions through the years. QCWA Chapters have likewise established a policy of making Memorial Gifts in memory of members who have become Silent Keys. Through all of the past 13 years, Leo has continually worked to enlarge this activity in QCWA until now, the Fund is approaching \$90,000, evidence of the success of the tender, loving care given by the Mentor of World Radio.

In recent months Leo has been faced with increasing family health problems which have made it difficult for him to attend meetings away from home. Finally, in September, 1989, Leo tendered his resignation as a Member of the Board of Directors of QCWA. The Memorial Fund Program will continue - its success being assured as a result of the work Leo has carried on for so many years. Never the less, we shall miss his quiet, reasonable and wise ways. Thank you, Leo, for all you have done for QCWA and Amateur Radio!

# Memorial Scholarship Activities

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The following letters were received from those recently awarded a QCWA Scholarship. These are the kind of young people your support of the Memorial fund is helping - makes you kind of proud doesn't it?



From Mike Popella, KA3HIE

August 16, 1989

Dear Mr. Heithecker:

I would like to thank you and anyone else associated with QCWA who made it possible to obtain one of the seven QCWA scholarships issued in 1989. It is greatly appreciated and will certainly be put to good use. I will be attending Clarion University of Pennsylvania beginning August 28th and will be majoring in secondary education.

I understand from Hugh Turnbull, W3ABC, that you would like some information about me. My entire family is into Ham radio. My dad, Bob Sr., is WA3CXW, mom (Mary) is KR3L and my younger brother (Mike) is KS3V. We are all extra Class licensed and operate strictly CW. I am 19 years of age and have been licensed 8+ years.

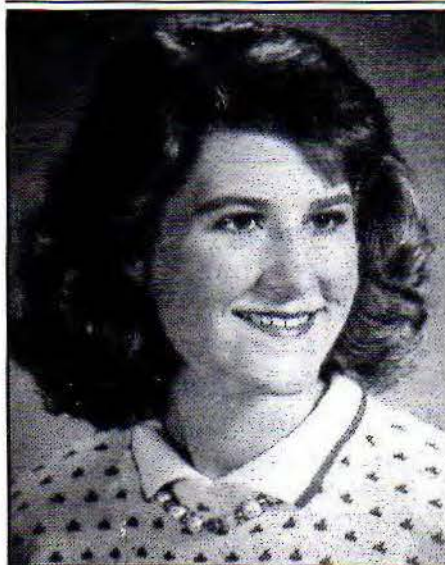
I work all bands but mostly concentrate on 10, 15 and 20. I enjoy ragchewing and working contests but was bitten by the DX bug about five years ago and have been chasing "new ones" ever since. I have attained DXCC with 185 worked and 162 confirmed. Since upgrading to Extra Class, my CW speed has increased. I can copy 45 wpm on paper (certificate issued at Dayton) and about 60 wpm mentally.

From Becky Knoll, N4JST

August 22, 1989

Becky learned some code by osmosis at a very young age as her parents studied for their amateur radio license in Canada. As she grew older, her parents urged her to learn code in a serious way and go for her license. A month after she turned thirteen, she became a Novice, joining many of her other family members in Ham radio. Both of her grandmothers, her aunt, and her parents were already Hams. She continued on in her studies and progressed to General class.

At fourteen, she went away to private boarding school and kept up nightly communication with her parents over the radio waves. In addition to her accomplishments in radio, she maintained a 4.00 average through her high school years, and graduated as valedictorian in 1988. She is now a sophomore at Southern College in Tennessee. She plays cello in the Symphony Orchestra, and was privileged to play in Carnegie Hall this past summer and then perform in Greece for two weeks. With all of her extra curricular projects, she is not able to be on the radio as much as she used to be, but still gets on when time permits.



From Diane E. Willemin, KE8DJ

August 28, 1989

Mr. Heithecker - "At this time I would like to thank you and the members of QCWA for offering the QCWA Memorial Scholarships. I will be applying my award to book and living expenses as I enter my second year of graduate studies at Case Western Reserve University, in Cleveland, OH.

During the past year I have begun research on a biomedical engineering thesis which involves using functional electrical stimulation to restore gait in paralyzed people. In this way I can use my electrical engineering background to improve the lifestyles of people who have spinal cord injuries, strokes and head injuries. My goal is to continue for a PhD after my Master Degree so that I may eventually become a faculty member.

Once again I want to thank everyone who makes these awards possible. I am very grateful to have been chosen as one of this years recipients".

From Colin J. Smith, KB5BSH

September 12, 1989

"Dear Sirs: Thank you for selecting me as one of the recipients of the QCWA Memorial Scholarships. It was both needed and appreciated. The short biographical sketch you have requested follows:

I am eighteen years of age. I am currently attending the University of Oklahoma and majoring in Electrical Engineering. My favorite amateur activities include CW and VHF & HF packet. I have been licensed for three years and am currently licensed at General Class.

Once again, thanks!



From Christopher Galassie, AD9Q

September 28, 1989

I have always felt a strong interest in the "how & why" of my surroundings. This led me to study science and math. as a student in the Medical Scholars Program at the University of Illinois, I will obtain an MD and a PhD in Computer Science. It is my ultimate goal to take a clinical/academic position where I can practice as physician/researcher to develop applications of Computer Science and artificial intelligence for advanced research and for improved medical and health care systems.

I have been an amateur since age 11, being helped into that work by Charles Banks, of Neenah, WI. As a twelfth child in my family, financing an education has always been a deep concern. Acceptance into the Medical Scholars program is both an honor and undertaking requiring several years of rigorous training and heavy expense. Traditional medical years are alternated with graduate study. While Research Assistant financial support is helpful during graduate study years, such support during medical years is limited due to time constraints of medical training. The QCWA scholarship I received will be a great help during this academic year in medicine and in reaching my ultimate goals in healthcare and research.

From Tom Sands IV, KA3FXX

October 6, 1989

I am extremely honored and proud to be chosen as one of the QCWA Memorial Scholarship winners for the 1989-90 academic year. It is my sincere desire to complete my education with the trust, responsibility, and support that the QCWA has placed with me.

Although I did not personally know Robert S. Cresap, W9LR, whose memory this scholarship is dedicated to, I am sure that for such an honor to have been bestowed upon him, he was a man who gave of himself generously to amateur radio and all those around him. It is my hope that I may follow these ideals, and someday return his and the QCWA's generosity to other amateurs interested in making amateur radio, and the world a little bit better.

I would also like to extend my appreciation to the Cresap family, who have allowed a part of their family to touch my life. This will make it considerably easier to achieve the goals I have set for myself, both in education and in life.

Once again, I extend my sincere appreciation to the QCWA and FAR for placing their trust in me.

Editors note: Tom is Junior at Carnegie Mellon University in Pittsburgh, working toward a double degree (B.S.) in electrical and computer engineering. Although studies are time consuming, he is an active amateur and President of the Carnegie Tech Radio Club, W3VC.

**Each Member of QCWA should feel great pleasure in reading of the young people who have been awarded QCWA Scholarships and who have taken time to let us know of their background and of their academic hopes.**

**As one reads of their goals, and of the work they are doing to reach those goals, it is apparent that these young men and women are truly outstanding. QCWA is honored to have a small part in helping them achieve their educational ambitions.**

# QCWA SILENT KEY MEMBERS

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Ferguson, Arthur W	W1BA	3,889	1989	Haller, Robert P	W4UDB	12,151*	1988	Pascoe, D Wayne	W7TZ	1,222	1989
Noble, Percy E	W1BVR	1,935	1989	Adams, Raymond F	W4UMW	11,414	1988^	Snyder, Donald R	W7ZMG	14,110	1989
Merrill, Rodney A	W1BWH	10,971	1986^	Tucker, Robert E	W4WT	6,200*	1989	Madison, L E	W8BOT	5,687	1989^
Brown, Charles W J	W1DDC	1,265	1985^	Durham, Ronnie E	W5ATB	3,291*	1989	Hola, Walter J	W8ACOJ	20,437	1989
Pillsbury, Walter A	W1EAL	4,871	1987^	Childers, H W	W5ATQ	5,926	1989	Schuller, Carl J	W8EJP	2,263	1989
Wells, John M	W1ZD	6,839*	1989	Bowden, Edgar G	W5CHU	8,892	1987^	Davies, John A	W8HZA	4,042	1989
Schmahl, Herbert H	W2AHZ	210	1989	Raborn, Glenn T	W5DH	549*	1986^	Graw, Irving W	K8IUM	16,676	1989^
Rogers, C W	W2AIW	5,661	1986^	Singleton, Hiram R	W5DHY	18,655	1989	Miller, Chalmers O	W8JC	6,689	1989
White, Norman P	W2DJ	1,474*	1989	Harris, Travis	K5DZV	18,513	1989^	Balogh, Louis	W8KCY	16,378*	1989
Spillner, Henry	W2NCY	9,362	1985^	Dudley, William G	N5EWL	18,052	1989	Clark, R K	W8KZU	4,490	1989
Okie, Charles W	W2SCP	1,642	1987^	Stevens, Lester L	N5J	6,785*	1989	Mersch, Jerry T	W8MEL	13,154	1989^
Conn, George	W2SK	5,238	1986^	McKown, A L	K5JNY	17,531	1989	Hanson, Robert A	W9AIF	16,089*	1989
Turrell, Robert D	W2UWD	2,321	1989	Scott, John A	W5JO	12,093	1988^	Gullett, Ralph H	W9ATJ	9,677	1989
Lichtenfels, Glenn V	W3AQT	7,415	1985^	Keech, Linwood R	W5NJQ	8,899	1988^	Johnson, William C	W9BUQ	3,838	1989
Miller, R S	W3AZV	16,933	1987^	Hall, Bryan	W5RLM	16,325	1988^	Erickson, Wilner R	W9CJN	22,702	1989
Wolf, Horace L	W3BPJ	2,012	1989^	Miller, Jesse L	W5SE	6,871	1984^	Halvorsen, Bruce M	K9CNV	21,395	1989
Kreisher, Stuart D	W3BYV	16,998	1988^	Paxton, Thomas N	W5TXQ	17,157	1989	Walker, Alex C	W9DBU	11,007	1987^
Struthers, John R	W3KIR	15,940	1987^	Griffin, J Clint	W5ZZG	16,980	1987^	Anderson, Earl I	W9GE	1,594	1989
Corbin, R Glenn	W3TA	6,116	1989	Patterson, Frederic	N6AD	5,074	1966	Golec, Edwin A	W9IG	7,994	1989
Stewart, Robert L	K4AJ	2,617	1989^	Bundlie, H William	W6ATK	13,675	1985^	Tavener, J L	W9KZ	2,172	1989
Patterson, George B	W4BNG	13,033	1985^	Mayes, Thorn L	W6AX	2,950	1989^	Hansen, Arne	W9MMH	9,980	1989
Quaintance, Leland C	K4BW	7,004	1989^	Elford, Keith K	W6AYB	16,853	1989^	Lavery, Don Frank	W9RPP	20,054	1989
Alexander, William E	K4CP	9,709	1989	Buckler, Charles L	W6BOW	9,673	1989	Cook, Chett	W9TUD	16,510	1987^
Dowd, George W Sr	W4CYL	8,877*	1989	Brammer, Leon W	W6BYH	10,426	1989	Bryan, Garnett F	W0AZL	13,070	1989
Crosby, Stanley A	K4ETS	8,766	1986^	Heuer, Ed	W6EQQ	13,955	1988^	Spaulding, Don L	W0ENQ	15,921	1987^
Magee, George T	K4GUS	7,464	1987^	Uhl, Marion Boose	K6EQR	14,053	1986^	Hefton, James F	W0OFC	8,040	1987^
Devaney, Mark J	K4IDC	4,802*	1989	Klippel, Kenneth L	W6FN	4,697	1989	Harvey, Lloyd D	W0QGI	5,317	1988^
Kramer, Regis K	W4ILE	5,456*	1989	Friend, Don O	KE6HT	15,438	1987^	Lanyon, Robert H	W0RXD	6,864	1988^
Beam, Jennings B	K4JFX	9,382	1989	Stillwell, Robert J	K6HYH	13,881	1989	Green, Robert Wood	K0SEV	21,629*	1989
Griffith, Paul E	K4KGQ	263	1989	Raymer, Mae	K6JHA	19,737	1988	Schomay, Sidney D	K0QOV	9,595	1989
Ide, Harry E	W4LEK	10,229	1989^	Hanlon, Russell A	W6KJ	1,282	1985^	Kirby, G Paul	K0VQC	20,029	1989
Quinlan, Clarence N	W4LRC	8,921	1989	Newkirk, Bert E Jr	WA6SIX	13,367	1987^	Hansen, D L	W0ZOB	4,172	1987^
Palmer, Frank H	W4MJZ	16,198	1986^	Lynall, Leroy	WA6VUQ	18,663	1989	Kohlgrueber, Dirk	DL3WA	14,498	1986
LeBrun, Clarence H	W4OIV	15,775	1987^	Ransopher, Chas B	W7AKP	1,728	1989	Waltz, Hans	DL3WV	18,303	1989
Johnston, R F	K4QI	5,282	1986^	Hoffman, Carl H	W7CTS	7,254	1989^	Schnell, Edgar H	DL6MK	12,977*	1989
Conner, Robert P	W4QQ	6,133*	1989	Davie, Leroy J	KL7CUK	5,170	1989	Stark, Arthur P	VE3ZS	8,677	1989
Wier, T Harold	K4RLK	6,634	1989^	Henry, John B	W7GK	2,778	1987				
Stavrou, N C	W4TB	5,794*	1989	Abrams, George L	W7LQK	10,344	1989^				
Rae, George W	K4TH	9,380	1989	Taylor, James H	K7NMQ	9,960	1989				
Hinkle, Charles J	K4TS	8,094	1989	Clark, Erv	W7RDO	13,668	1986^				
				Vergeer, G S	W7TK	6,557	1988^				

\*Life Members

^Year of death uncertain, Information requested

QCWA WORKS CONSTANTLY TO LOCATE MEMBERS WHO HAVE DROPPED OUT OR WHO MAY HAVE BECOME SILENT KEYS WITHOUT OUR KNOWLEDGE  
THE FOLLOWING LIST OF MEMBERS HAVE BEEN FOUND TO SILENT KEYS BY RESEARCHING THE SK LISTS IN QST FOR THE YEARS INDICATED

Williams, Gilbert F	W1APA	2,829	1968	Haley, John R	KP4AZ	136	1964	Hayes, James R	W8AYR	4,853	1967
Baker, Fred J	W1BDJ	1,086	1958	Traer, David S	W4AZK	1,555	1969	Ellison, Jesse O	W8COW	2,230	1969
Boardman, Raymond E	W1BL	1,373	1968	Canfield, Richard G	W4BXL	2,914	1965	Irwin, David E	W8DRE	297	1962
Luther, Leonard M	W1BGA	502	1966	Fassett, Frank C	W4BYR	120	1968	Heck, A G	W8EG	922	1969
Goldthwaite, Wm E	W1BXU	2,130	1968	Benning, B W	W4BZ	660	1965	Pauli, Archibald W	W8FVU	4,434	1969
Warren, Richard	W1FKQ	847	1969	Marshall, James E	W4CN	450	1968	Lembas, John V	W8ILM	3,257	1968
Fitzgerald, James J	W1FLH	1,706	1967	Harison, W M	W4DV	782	1962	Saunders, E Lewis	W8MF	596	1961
Robishaw, John H	W1GL	1,369	1961	Taylor, Marion W	W4KLP	452	1963	Hagerty, Raymond C	W8SU	139	1961
Sylvester, Arthur F	W1MB	1,925	1966	Parsons, Frank L	W4KQI	451	1964	Applebaum, Eugene W	W9AI	59	1961
Stackpole, Nelson B	W1OW	1,073	1967	Lundquist, William C	W4LXR	1,444	1966	Eckhardt, Carl W	W9BBK	1,696	1967
Somerby, William A	K1UEB	3,022	1968	Williams, Thomas G	W4MT	1,162	1967	Word, Earl R	W9BVB	974	1960
Thompson, Milton L	W2AYC	228	1969	Settle, James	W4MV	372	1951	Brittin, Frank L	W9DCX	87	1955
Baker, William N	K2BF	65	1965	Melton, J Carroll	W4NV	1,164	1967	Holland, Henry H	W9DMU	2,639	1968
Weber, Walter B	K2EE	1,655	1969	Sever, Harold C	W4OT	657	1965	Swanson, Carl S	W9EJ	692	1965
Densham, Harry W	W2EH	1,284	1965	Joyner, J E Jr	W4TO	661	1969	MacDermaid, L D	W9HQZ	929	1965
Sonnick, Albert	W2FT	220	1967	Strailman, Gilbert T	W4UM	963	1962	Kircher, Joseph J	W9NRX	2,640	1962
Murphy, James B	W2HCS	185	1961	Stewart, Guy A	W4VCY	1,477	1965	Threlkeld, Millard J	W9PA	752	1969
Ophelan, William J	W2JCA	1,294	1968	Kellow, J C	W4ZJ	826	1969	Joyce, George E	W9RA	470	1967
Belok, Louis N	W2JTO	1,377	1966	Pullen, J A	W5ZAB	194	1962	Wernett, George	W9SEF	822	1964
Rieger, William	W2LYF	525	1967	Cronkhite, Cecil L	W6AA	1,482	1969	Clark, M E	W9VP	765	1968
De Jong, John F	W2MK	412	1966	Nielson, Earl A	KH6CI	3,130	1966	Bullock, Melvin G	W0AJU	3,481	1968
Herdin, Rudolph J	W2RS	435	1965	Gordon, Harold D	W6DCK	2,082	1964	Balderson, Wm H	W0CKV	66	1969
Ellsworth, Charles	W2TQ	566	1968	Wright, John R	W6DRQ	3,654	1969	Emerson, Adolphus A	W0ITQ	1,631	1959
Grover, John F	K2UHD	1,538	1963	Stevens, Thomas M	W6KAA	1,358	1964	Davis, Thomas E	W0SW	1,660	1967
Vincent, Karl G	W3ASD	1,297	1963	Reed, Wendall	K6MND	4,195	1967	Claarcoats, John	G6CL	380	1969
Jones, Theodore J	W3CHU	1,506	1968	O'Brien, Daniel L	W6PB	1,141	1961	Reid, Alex	VE2BE	3,050	1967
Caulfield, Frank J	W3HT	3,596	1968	Bardin, Daniel C	W6PH	70	1961	Miller, John L	VE2TA	1,160	1966
Fabian, Louis G	W3KWN	923	1961	Miller, C Carl	W6RZO	4,361	1969	Hall, Kenneth S	VE3BKN	610	1963
Friend, George W	W3KSJ	1,004	1963	Schrooke, C R	W6UJ	1,140	1967				
Salitros, Andrew	W3LAH	1,042	1963	Blindbury, Jack P	W6VIO	2,098	1969				
Evans, Leslie Robert	W3NO	2,905	1968	Ludgate, Wallace G	W7LU	1,628	1961				
Martin, Walter B	W3QV	623	1967								

## THE PIONEERS - II

*Alessandro Volta*  
*Andre-Marie Ampere*  
*Hans Christian Oersted*  
*Georg Simon Ohm*

*Unit of electromotive force*  
*Unit of electric current flow*  
*Unit of magnetic intensity*  
*Unit of electric resistance*

The invention by Volta in 1800 of the electrochemical cell was one of the most significant events in the development of technology. For the first time investigators had a source of constant current. Within a few years, in spite of the Napoleonic wars raging at this time, experimenters were working with this new phenomenon. Some of the first results were such phenomena as the electrolytic disassociation of water into hydrogen and oxygen, the electrolytic production of sodium, and the production of steel by carbonizing iron with diamonds.

With the availability of bigger and better voltaic cells dozens of experimenters went to work to determine the nature of this new electrical phenomenon. Efforts were made to determine the speed of current flow, produce crude telegraphs, electric fuses, and the arc light.

During the years between 1800 and 1820, some efforts were made to link electricity and magnetism but without results until Hans Christian Oersted found the link.

Oersted had been a professor in the University of Copenhagen for over twenty years. He was a very attractive man, with relatives and friends prominent in Denmark. It is interesting that he became a good friend of Hans Christian Anderson, the famous fairy tale writer.

In July of 1820 there appeared a four page paper in Latin written by Oersted, announcing his discovery of electromagnetism. The World would never be the same again.

The exact sequence of events leading to this discovery is not clear, but it appears that it happened in the course of a lecture to some of his advanced students. Apparently Oersted had a horizontal wire carrying electricity and it was by chance placed above a magnetic compass. When current passed through the wire he noticed that the compass needle was deflected perpendicular to the wire. When the current was reversed the needle swung around 180 degrees. When the compass was held above the wire it pointed in a direction opposite to what it did when placed below the wire. Carrying this further, it was apparent that a circular field surrounded the wire and that the needle pointed in a direction tangent to the circle. Oersted found that these effects persisted even when he placed glass, ceramics, wood and other materials between the wire and the needle.

Within four days Oersted published his results in a paper and the information went out to all the scientific centers and scientists (the word had not yet been coined) of Europe and America.

One of the scientists who read the paper was Andre-Marie Ampere, who first heard of the results a month or so after the discovery. The contrast between Oersted and Ampere was striking. Oersted was a methodical patient experimenter. He had his origin in a poor Danish

family, had earned his living before getting his professorship as a druggist, and had risen to academic recognition by years of hard work. Ampere was the son of a minor French Aristocrat. He early showed a flair for mathematics, and received a professorial appointment at the age of 26, in 1801, and continued as a professor for the rest of his life.

While he was an excellent experimenter, his primary ability lay in flashes of insight, and the results of Oersted's experiment brought forth a dazzling array of conclusions. He concluded that it was electromagnetic forces circulating within a molecule that gave it its magnetic property. He showed that electric current could not only influence a magnetic needle but was itself capable of producing magnetism. He showed that two solenoids carrying electricity behaved like bar magnets. His experiments showed that when electric currents were passed in the same direction through two parallel wires the wires attracted each other; when the currents were passed in opposite directions they repelled. He further showed that the force of attraction or repulsion was directly proportional to the current and inversely proportional to the square of the separation.

Ampere also suggested for the first time that the earth's magnetic field was caused by electric current circulating within the earth. Another of his ideas was a proposal for the first current measuring instrument.

Overall Ampere founded the science of electrodynamics which we today call electromagnetism. This was further developed in the next few years by Faraday and Henry.

Somewhat removed from the early academic careers of Oersted and Ampere was Georg Simon Ohm. He also, like Oersted, came from a poor family but with his fathers encouragement devoted himself to mathematical studies. He became a high school science teacher in 1817 and remained in this post for 10 years. During this time he published his conclusions that later became Ohm's Law, i.e., that in any wire at uniform temperature, the current that flows is directly proportional to the potential difference across the ends of the wire. He also showed that the resistance depended on the material and was inversely proportional to the cross sectional area of the wire and directly proportional to its length. For some reason his results were not received favorably. In fact, he was so severely criticized that he was fired from his job. After some six years earning a meager living as a private tutor, he landed a University job and had a rewarding and successful scientific life, primarily in the field of acoustics.

The work of Oersted, Ampere, and Ohm, together with that of their contemporaries Faraday and Henry, laid the foundations of electromagnetism as we know it, and led to the brilliant theoretical work of Maxwell, who tied it all together in a unified theory.

Thanks for the mail! It was good to hear from all who had time to write and provide comments. I am always happy to hear from other S/T's.

Even though my intention was to move forward from the last time, I want to devote this column to another very timely topic. By the time you read this, Headquarters will have mailed to each Chapter Secretary a blank "QCWA Annual Chapter Report Form for the Year 1989." Also being mailed will be a current roster listing each member affiliated with your chapter. "QCWA MEMBER INFORMATION", is the title of the report. Get to know it as REPORT 1 (RPT1). More will be said about this report later in this article. Returning a COMPLETE ANNUAL REPORT is REQUIRED by EACH CHAPTER, and it is usually the S/T who has the responsibility to complete the project. You should be eager to return a complete report BY THE DEADLINE DATE OF DECEMBER 31, 1989. Your action will ensure that your chapter will be considered in good standing with the National organization. If your S/T records are in order, the project will take only a short time to complete. If your records are not yet near perfect, the roster you receive in this package (RPT1), with the blank annual report, will be quite valuable to achieving that end.

Have you been reading the Chapter Manual? By this time you may have your chapter membership applications in a file. The file may be a folder, a binder, or on one or more sets of 4 x 6 or 5 x 8 cards. Using the roster from HQ, simply check each field of information: NAME, ADDRESS, MEMNO, EXPDATE, and all the others. You should check every field of information on the wide form from HQ. Below you will find definitions of the roster columns. As you know, on 12/31/89, all our data changes must be received at HQ. At that time, all data entry from chapters will be processed and sent to the printer so the brand new 1990 QCWA Membership Directory can be made available. All of us, who are S/T's, must double check each particle of data. We ensure each of our chapter members had correct information shown in the new directory.

If you are an S/T who inherited your office without records, you can use the HQ report to accomplish your initial task of capturing the data you need. You will soon learn that this report from HQ is a precious resource. Until you get your own record system perfected, you will often use this report.

Let's take a look at this report so you will be better acquainted. REVISED is the first column. In it we find the most current revision for the member's record. Next is a column marked S. It means status. A silent key will be coded D, for deceased, and a member who resigns will be marked W, for withdrawn. The next four columns, NAME, ADDRESS, CITY, STATE and ZIP are obvious - but don't take them for granted. Check all the fields carefully. BE sure the member's name and address is correct. Consider numbers, directional designators, delivery address spelling, and the correct spelling of the city. Check to be sure the two-letter state abbreviation is correct. If you know the last four digits of the ZIP+4, let HQ know this. In another issue you will learn how to get those last four digits (called the segment and sector) free, from the Postal Service. As you know, Bulk Mail, does not return to HQ. Our job as S/T's is to help HQ ensure that mail delivery information is correct, so that each member gets everything for which he or she is paying. The expense of waste, even in bulk mailing, should concern us all. Remember, "If it is to be, it's up to ME".

You're doing a good job so far! The next column applies to S/T's

in our International Chapters. The column COUNTRY is blank for all chapters in the United States. If, however, we were looking at a record for a member whose home is in Germany, we would see WEST GERMANY in that column.

The CHP column is your chapter number. All of your members who consider your chapter as their primary chapter should have your chapter number shown. If not, call HQ'S attention to the matter. Note that none of the members who consider your chapter as their secondary chapter appear in your roster. Do you know why? Of course! Because they appear only in their primary chapter roster. MEMNO is the Member Number. Then follows a column headed with and L, meaning Life Member status. Those who are Life Members of QCWA, Inc., have an L therein, and no entry in the next column, EXPDATE. In the "L" column, the letter P tells you that the member is paying for Life Membership on the time payment plan. One day, that P will become an L. EXPDATE is the Expiration Date. If any of the EXPDATE entries are delinquent, you should contact the member and determine if he or she knows about the delinquent condition. Those with dues unpaid after 90 days have no status. Their records disappear from the system, being transferred to a file entitled DELIN. Let us hasten to add that each purged record can easily reappear. The record will be reinstated upon receipt of a dues payment.

The last column, FL, is the year of the member's first license. If any entries are blank, please contact HQ and ask that a determination commence so that this data field will be complete. You will need this information for awards management. A later column addresses that subject. It is appropriate to reiterate that, as you may know, HQ makes the FL decision not by informal means, but by meticulous research. Sometimes this digging can be time consuming. Please be patient! The search moves rapidly if the member has submitted a copy of his first license, or a QSL card with a postmark bearing a date. If neither of these proofs can be submitted, call books must be used. Bear in mind that there may be a long time between the date of license issuance and the first appearance in one of the call books.

We have been fortunate over the years to have many National Officers, several Boards of Directors and a General Manager who purposefully keep our information systems on the leading edge of technology. You, as S/T will be able to do your job much more easily, thanks to these facilities in our HQ office and the attitudes of our people. As this column progresses, we will be telling you more about how you can use these information services for the betterment of your chapter members. For the next time, please try to design what you believe to be a suitable chapter membership application. Determine what kind of dues payment record might be easiest for you to maintain. We plan on discussing both these forms and other records you may need, and chapter dues collection in the next issue. Good Luck!

WRITE WITH YOUR QUESTIONS AND/OR SUGGESTIONS

TO

JOHN R. MILLER, WOIKT

401 TIFFANY DR,

ANDERSON, SC 29625-1815

## SCHEDULED ON THE AIR MEETINGS

1	Cleveland Chapter	Wed	2400Z	W8OXA	146.88
2	Chicago Area	1Th	2100L		147.15
4	Northwest Chapter	Sun	1630Z	W7PN	3655
		Sun	2000Z	W7FNC	3952
		Sun	2300Z	W7AZI	3952
5	Delaware Valley	Sun	1445Z	W2HX	3917
6	Pittsburgh	Sun	1330Z	W8CSU	147.63
		Sun	1400		
7	Southern California	Sun	0900L	W6FQ	3917
		Sun	1100L	K6BA	3695
		Sun	1000L	W6ZRZ	146.805
8	Upper Midwest	Sat	0800L	W0KHG	3880
9	Dayton/Cincinnati	Sun	1800Z	W8DWT	3987
10	Michigan	Sun	1200Z	- V -	3903
11	Northern California	Sun	0930L	W6BCM	3907
		Sat	1000L	W6FQA	146.25
14	San Diego	Wed	0400Z	K6QM	145.52
15	Tulsa	Sun	0645L	W5FUR	3830
		Sun	0930L	W5DFU	7157
16	Arizona	Sun	0800L	W7ER	3890
20	Baltimore	Mon	2100Z	W3EE	147.28
21	Canton, OH	Wed	0130Z	W8OYV	147.42
25	Nebraska	Sat	0830L	W0EUT	3982
27	Houston	Thu	2000L	W5CCD	3866
28	Central New York	Sun	1030L	- V -	3917
31	Reading, PA	Mon	0100L		146.91
32	Gator	Sat	1200Z	W4OIN	146.37
33	Gunderson-Penn-Jersey	Sun	0100Z		3982
		Dly	2000L		3980
35	Mid-Continent	Thu	2030L	W0WHK	146.37
36	Northwest Indiana	Wed	0100Z	W9NGB	145.45
38	San Antonio	Sun	2030L	N5EN	28650
41	Dallas	Sun	0715L	- V -	3835
44	Nevada	Mon	2000L	W9RU	145.39
45	Citrus	T&T	0030Z	K4KQ	147.225
46	Founders'	Sun	1615Z	W2DP	3917
		Thu	2030L	W2DP	148.360
48	Treasure Coast	Dly	1500Z		7153
49	Atlanta, GA	Sat	0900L	K4VN	3855
54	Tyler Texas	Sun	1300Z	W5CNO	3835
55	Wisconsin	Sun	1430Z		3985
58	Colorado	Sun	0930L	W0ERR	146.076
60	East Tennessee	Sun	1700L	W4EWR	3875
61	Detroit Metro	Sun	0800L	W8IHX	3663
62	Suwannee	Sat	0900L	K4BRC	3940
63	Central Oklahoma	Sun	1400Z	V	3855
64	El Paso	Sat	1530Z	V	3933
65	Niagara Frontier	Sun	1330L	W2SD	3900
73	Southern Ontario	Sun	1400Z	VE3CD	3772
		Sun	1700Z	VE3TO	7090
75	Central California Coast	Sat	0830L		3917
76	Blue Ridge Chapter	Sat	1300L		7180
77	Northern New Jersey	Sun	1800Z	W2OJW	3917
		Fri	0100Z		147.285
79	Sunflower Chapter	Wed	2100L		146.82
		Sat	1400L	W0AWP	3610
		Sat	1400L	W0MYM	3915
80	Caloosa	Wky	-		146.52
81	Long Island Chapter	Sun	1130Z	W2AMI	3917
84	Floral	Mon	0130L	KF4BU	146.28
85	Ark-La-Tex	Mon	0100Z	K5LFJ	146.67
87	Evergreen	Sun	1500Z		3985
89	Palmetto State	Sat	0900L	W4EGH	3927
		Sun	1700L	N4LS	3695
90	Razorback	Sun	1300L	W5MYZ	3907
92	Northern Lights	Sat	2000Z		29000
96	Gateway	Sat	1600Z	W2KGI	3933
102	Dakota	Sun	1400Z	W0HOJ	3890
104	Treasure State	Sat	1700Z		3938
106	German	Mon	1700Z	DL9AR	3663
		Tue	1730Z	DJ2ZB	3555
107	Central Florida	Sat	0900L	W4LHP	7243
		Thu	1400Z		21380
109	Baton Rouge	Sun	0830L	W5URR	3905
		Sun	2000L	W5URR	146.19
110	Kansas	Sat	0730L		3920
112	Yankee	Sun	0830L		3902
114	North Texas Chapter	Sat	1430Z	WB5PHM	3943
117	Appleseed	Mon	0130Z	W8JYY	147.96

118	Coastal Carolinas	Mon	2000L	W4EHF	146.28
120	QC Wireless Women	Tue	1900Z		14295
122	Lake Erie-Tri State	Sun	1430Z		3915
123	Lee deForest	Sat	1330Z		3885
125	Halifax Chapter	Tue	1930L	K2HWF	147.15
126	Piedmont	Sun	0900L		3935
128	Pelican	Sat	1500Z		147.06
130	Inland Empire	Sat	0800L		3862
131	Gulf Coast	Tue	0900L	WF4V	28750
134	Pine Tree	Sun	1930Z		3942
135	Mid-Michigan	Tue	2000L		146.40
138	Central New Jersey	Tue	2200L	W2DME	147.045
140	Wyoming	Sat	1500Z	W7MZW	3923
143	North Colorado	Sun	0830L		145.115
146	Twin State	Sun	0830L	W1SVT	3897
149	Nutmeg	Sun	1630Z	KA1SJ	3923
150	Del-Mar-Va	Sun	0900L	W3BY	146.22
151	Wild Rose	Tue	0200Z	VE6EO	7070
152	Royal Palm	Dly	1800Z	W4LZV	3910
		T&T	1830Z	W4LZV	14180
157	Pony Express	Sun	1430Z	K0TUH	3955
160	Utah Chapter	Sat	1730Z	W7FVM	7272
162	Southeast Wisconsin	Thu	0300Z		147.27
164	Big Bear Lake	Sun	0300Z	K6GCF	147.33
165	York County	Thu	0200Z	W3AXC	146.94

## QCWA INTERNATIONAL & REGIONAL NETS

QCWA INTERN'T'L	Sun	2000Z	W6FQ	14347
QCWA CW NET	Wed	2000E	W5QU/W4PI	7035
Florida SSB	Sat	1300Z	K2SN	3955
NE Regional	Sun	0845L	KA2IXW	3917

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All Chapter News received through November 15, 1989  
is included in this issue of the Journal

## QCWA JOURNAL ON CASSETTE

The QCWA Journal is available on cassette tape for members who have trouble reading the printed edition.

For Information, contact  
Blanche Randles, W4GXZ  
6002 North Fremont Street, Tampa, FL 33604

## WEST VIRGINIA CHAPTER No. 30

James E McEwuen, W8GUL  
1114 Harvatis St, Morgantown, WV 26505

The regular Fall meeting of West Virginia Chapter 30 was held at the usual place near Sutton on Saturday, September 16. The meeting was called to order at 6:15 PM following a very enjoyable meal. It was reported that John Davies, W8HZA, had a hip operation and concern was expressed (note that John has since become a Silent Key). It was also noted that Bob Pullen, K8GAG had not been heard from recently. Robert Pisigna, NR8X was welcomed as a new member. Glad to have you with us, Bob.

The main program was by Al Hix, W8AH, who gave a talk about his recent trip to Brazil as a member of the Partners of the Americas. That organization pairs U. S. states with sections of Latin America and the Caribbean into partnership to share skills and expertise. West Virginia is paired with the Brazilian state of Espirito Santo. Much of the coordination required to exchange individuals with various skills and expertise is handled by means of amateur radio. It was an interesting and enlightening talk as indicated by the amount of discussion that took place afterwards. Thanks, Al!

Late word has been received that Lloyd Penrose, NC8G is very ill. We all wish him well!

## SAN DIEGO CHAPTER No. 14

Bob McDonald, KE6VB  
1029 Hemlock Ave, Imperial Beach, CA 92032

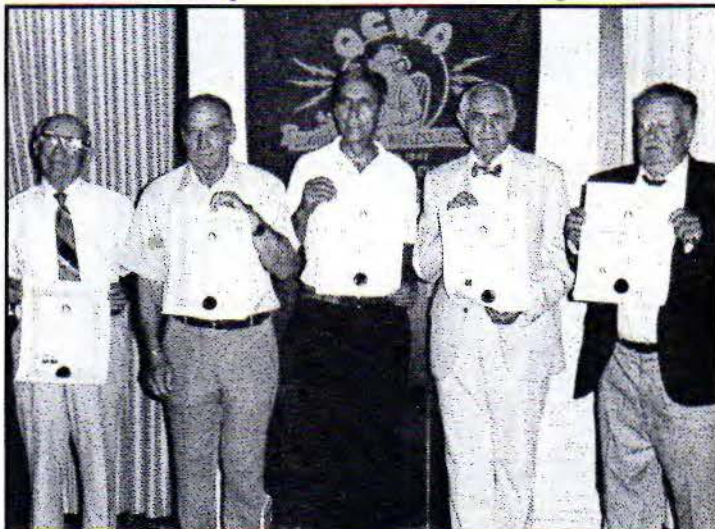
One of the projects that San Diego Chapter 14 has supported during the past several years has been Handi-Hams. The Chapter has provided financial and other support for the Handi-Ham West Coast Radio Camp during the past two years. Support for this project has been primarily through the efforts of the outgoing chapter secretary, Joe Saugier, K6CD, who has been active with the Handi-Hams program for a long time.

Recently Joe arranged for Betty Gillies, W6QPI, to donate her entire Collins station to the Handi-Ham Courage Center in Golden Valley, Minnesota. Betty, who handled thousands of phone patches with many stations in the Antarctic during the past 37 years, wanted a place for the equipment in the Handi-Ham system. She stated in a letter, forwarding the equipment to Bruce Humphrys, K0HR, Director of Rehabilitation Technology at Courage Center: "I hope you will be able to find a place for this equipment in your courage Handi-Ham System, Bruce, so that deserving amateurs can experience the wonderful feelings of accomplishment and satisfaction from participating in the limitless world of amateur radio."

## PITTSBURGH CHAPTER No. 6 of QCWA

Nate Firestone, W3SVJ  
673 Loretta St, Pittsburgh, PA 15217-2823

The Summer, August 15 and Fall, October 15th meetings are now history. We are now planning for the 1990 series of meetings. During our August meeting (1989) Golden Award certificates were presented to several chapter members. Those receiving Awards are



pictured above, L-R, they are: John Tomko, W3CJG (60 years); Marv Colen, W3AKG (55 years); Art Kunst, W3WM (50 years); Joe Ference, W3TVB (50 years); Bud Hunter, W3JAV (55 years). Additional certificates were awarded to chapter members not at the meeting and will be distributed to them. Our own Chapter member, Pete Backstrom, W3DM, outlined some of the goals of QCWA. We are very proud that Pete, a recently elected Director of National QCWA, is a very active member of our chapter.

Elections of new Chapter officers were held at the October meeting with the following results:

Bob McLain, W3VRZ - President  
Nate Firestone, W3SVJ and Marv Colen, W3AKG - Secretary/Treasurer  
John Hoffer, W8CSU - Awards Chairman and Historian  
Art Kunst, W3WM - Program Chairman

The membership was informed of the loss of Mark Moore, W3LPF. Mark had been a ham for over 60 years. His key silent but not in the hearts of his fellow hams. Chapter 6 has sent a gift to the Memorial Scholarship Fund in his name.

**QCWA VESTS ARE AVAILABLE NOW**

**PLACE YOUR ORDER, USING**

**THE FORM ON**

**PAGE 158**



QCWA President, Harry Dannals, W2HD (left) presenting Past President Leland Smith, W5KL, with his certification as QCWA President Emeritus!



Bob Rickey, NF6P, XYL and QCWA's Leo, W0GFQ in a moment of relaxation

## QCWA NATIONAL CONVENTION Baton Rouge, LA 1989



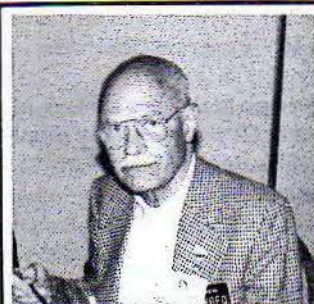
Who could resist smiles like these? L-R: Helen Smith, W5WAR; Jan Hayter, Ginie Backstrom, Margaret Kelleher, Marion Baird, Gloria Charlton & Martha McCoy.



QCWA Open Board Meeting asks questions and gets answers from this group - L-R, Wes Randles, W4COW; John Swafford, W4HU; Ted Heithecker, W5EJ and Hugh Winter, W5HD.



El Charlton, W5MD receives the Board's thanks to Chapter 109, for the fine Convention. Harry, W2HD doing the honors



Herb Gleed, W6FQ - terror of all who interfere with the QCWA Sunday Net, 14,347 kHz. When he turns on the "Clarifier" things quiet down a good deal!



QCWA Board, September 1989, Baton Rouge, LA - L-R standing: Stuart Meyer, W2GHE; Travis Baird, W9VQD; Pete Backstrom, W3DM; El Charlton, W5MD; Esther Given, W6BDE; Jim Walsh, W7LVN; Fred Hammond, VE3HC; Art Kay, W5APX; Jack Kelleher, W4ZC; Lew McCoy, W1ICP; sitting: Wes Randles, W4COW; John Swafford, W4HU; Harry Dannals, W2HD; Hugh Winter, W5HD; Leland Smith, W5KL.

Sponsored by Chapter 109



Attendees at the Saturday Evening Banquet - lots of good old rag-chewing and fellowship was apparent at every table!



QCWA Director, Hugh Winter, W5HD sans hair, congratulates QCWA Past President, Leland Smith, W5KL on his award of appreciation.



At right - Jack D--whoops, Wes Randles, W4COW and in the background, Auntenny McCoy, W1ICP. Me-thinks the hand (lower LH corner) is that of Ken Ryden, K8OHG!

Below: Frank Lester, W4AMJ is handed his Honor Award by QCWA President Harry Dannals, W2HD. Can't be sure whether EI, W5MD is offering a prayer, or collapsing from over-working!



Pictures by W7LVN



What nation on earth can boast of a War Department with as sweet a smile as this one - Helen, WA5WAR!

## QCWA NATIONAL CONVENTION Baton Rouge, LA 1989

Sponsored by Chapter 109

Below: Harry, W2HD, at right, hands a certificate of appreciation to Jim Walsh, W7LVN, witnessed by "Dairy Queen Charlton", W5MD



This meeting did not see much table hopping. Everyone seemed too happy to be just where they were. Sorry you all couldn't be in Baton Rouge!

## NORTH TEXAS CHAPTER No. 114

Joanie Sleeper, XYL of WB5PHM, VP  
4705 James Ct, Wichita Falls, TX 76308

It's been a long time since North Texas Chapter has had an article in the Journal. Hopefully we will be heard from more often in the future. We meet every other month on a regular basis and the fellowship has been terrific. On May 20, 1989, we had a delicious dinner at Uncle Lynn's Catfish Restaurant with a total of 30 attending including xyls and two guests.



The Chapter has received a "Silent Key" plaque dedicated to the memory of our Silent Keys. The Plaque was accepted by membership. The ceremonies are pictured above with Joe Boucher, W5NQD, secretary/treasurer at left; Charles Neal, W5NRI, Chapter President holding the plaque. Joanie Sleeper at right. A moment of silence was observed in memory of members who have passed on. Two keys added this year are: Richard (Dick) Hawkins, W5FW, of Lawton, OK, and Calvin Graham Campbell, W5IGV, of Archer City, TX.

A Committee was formed to select officers for the coming year.

## NUTMEG CHAPTER No. 149

Fred Heffner, W1CKV  
213 North Granby Rd, Granby, CT 06035

The White Birch Inn, located in Southington, CT, was the site of the summer meeting of Nutmeg Chapter #149 on August 12, 1989. Seventy-six members and their guest filled the rather cozy dining room of the restaurant for the social hour which preceded the regular meeting. After a delicious meal the Chapter President, Cal Bennett, W1KHL, called the session to order. Secretary George Spamer, W1DPR, read the minutes of the last meeting and announced that with the addition of our most recent members, Harry Sussman, K1KQW and Mel Peskin, WA1UDI, our Chapter had reached 191 members! Treasurer Milt Chaffee, W1EFW reported that the chapter is sound financially and expects it to remain so. Old and new business items were discussed and the QCWA National Treasurer, Wes Randles, W4COW, was introduced to the group. Wes gave the Chapter an overview of some of the topics that have been of interest to the National organization, talked on the October National Convention in Baton Rouge, and announced the results of the recent National elections. The meeting was then adjourned and while the

room was being reset for the program, the much awaited glassware raffle was held. The winners of this exciting event were: Pat Huntoon, (XYL-W1RW), W1FNY, W3AZD, Marcia Peskin (XYL-WA1UDI), W1KHL and W1TSL. However, in his enthusiasm for the raffle, W1KHL re-raffled his prize to another winner! With the room in order, the group was treated to a travelogue presented by Leo Witkowski, K1QPJ, a well travelled member of the Chapter. His keen eye for photography was evident in the beautiful slide he presented.

**DON'T FORGET - CHECK YOUR MAILING LABEL TO INSURE THAT ALL INFORMATION IS CORRECT.**

**ON DECEMBER 31, 1989 WE WILL CLOSE THE QCWA DATABASE AND COPY IT AS IT STANDS AT THAT TIME.**

**THAT COPY WILL BE USED TO PREPARE A QCWA 1990 MEMBERSHIP DIRECTORY - MAKE CORRECTIONS NOW! JANUARY WILL BE TOO LATE**

## AKRON CHAPTER No. 39

Bill Hessler, W8DXT  
3046 Lake Rd, Cuyahoga, Falls, OH 44224

The meeting July 20, 1989 at Sanganiti's Restaurant was called to order by President Mike Underwood, W8AFP following dinner. 20 members and 14 guests were present. Ms. Marilyn River of East Ohio Gas Company, assisted by her guest, presented a slide show titled "We're proud of the Company we Keep, and of the Services we Provide."

Following the evening program a business meeting convened at which time the treasurers report was given. It was suggested that our regular meeting we held on the fourth week of the month, except for April. Following discussion, the proposal passed and the next meeting has been scheduled for October 26, 1989, at Sanganiti's. Get-well cards for Ed Robertson, K8EMI and Hal Tune, W8LZE were signed by all present.

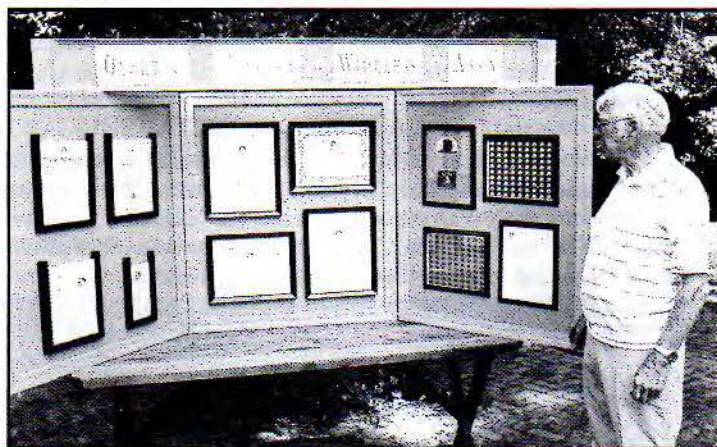


In the picture above, President Mike Underwood, W8AFP, at right and Robert W. Paul, W8CMO, receive their Golden 55-Year Certificates.

## BLUE RIDGE CHAPTER No. 76

Arch Doty, K8CFU  
347 Jackson Rd, Fletcher, NC 28732

For several months Blue Ridge Chapter was engaged in planning a special QCWA display to be used at meetings, hamfests and so on. The idea for the display originated with Bob David, W4YK, Chapter President, and past Director in QCWA. Plans for the project were developed by Arch Doty, K8CFU and Charlie Jobes, W1HVA, who was the mechanical genius who put it all together. In the picture below, Charlie looks over his handiwork.



As can be seen, the project, when finished provides space for the display of various QCWA documents, certificates, membership stamps and so on. The display was built by Charlie Jobes, W1HVA who did a magnificent job! The display consists of three separate panels and a header board. It is constructed so that it breaks down into four pieces that can easily be transported in a car or station wagon.

Blue Ridge Chapter used the Display at the recent Asheville, NC Hamfest where it attracted favorable attention. It was to have been used at the Shelby, NC hamfest early in September. As Blue Ridge built the display, it was intentionally designed to give identity to QCWA, not to the Chapter. Thus it can be used in any geographical area without problems. It is possible that the display will be in view at the Dayton Hamvention in the Spring.

Any Chapter wishing to build a similar display can get hints and tips and photographs to help them - write to Blue Ridge Chapter, 347 Jackson Rd, Fletcher, NC 28732!

### **NOMINEES FOR THE OFFICES OF**

### **DIRECTOR**

**FOR THE 1990 ELECTIONS HAVE BEEN**

**MADE. (SEE PAGE 127)**

**NOMINATIONS CAN BE MADE BY**

**PETITION UNTIL DECEMBER 31, 1989!**

## FOURTH CORNER CHAPTER No. 103

Fourth Corner Chapter has announced that Howard Campbell, Secretary/Treasurer of the Chapter has been forced to resign due to health problems. The Chapter expresses its gratitude to Howard for a job well and faithfully done over several terms in office.

Howard's remaining term in office will be taken over by Mr. Del Young, K7VW.

M. H. Strickland, Jr.

## ARK-LA-TEX CHAPTER No. 85

Robert F. Grambling, WA5WBZ  
802 Lark Ave, Shreveport, LA 71105

QCWA Ark-La-Tex Chapter 85 has enjoyed some outstanding programs this year. Bud Ports, W5AJS is Chapter President and Program Chairman.



In the picture above, Bud, W5AJS is standing, second from left. The group pictured above had its monthly "eatin - meetin'" and enjoyed a talk and tape show about past and present steam trains. Other programs presented K-9 exhibitions, economy and tourism in Louisiana, local hospice programs, country-western music, laser eye surgery and other such subjects of wide interest.

## NORTHWEST OHIO CHAPTER No 142

A. M. Cooper, W8BHL  
232 Van Buren Ave, Oregon, OH 43605

The Northwest Ohio Chapter #142 still meets the first Saturday of each month for breakfast at the 4-E Ranch House Restaurant on Airport Highway in Toledo. At our September meeting, held the 9th, due to the Labor Day holiday, there were 25 members and guests present.

We were honored to have as our speaker, Reverend Kurt Meyers, W8IQW8IQ, who gave a very interesting talk on his experiences as a missionary in Cameroon, Africa. He spoke about the communications problems over there and his fruitless efforts to obtain an amateur radio license. However, after he returned to the States, he understood that the Cameroon government finally began to issue amateur licenses.

If you are in our area on the first Saturday of the month, stop by and have breakfast with us. Visitors are always welcome!

## HERNANDO CHAPTER No. 148

Eunice Gordon, W1UKR  
5334 S Forest Terrace, Homosassa, FL 32646

The Chapter meets on the third Tuesday of each Month, 12 noon at Sorrento's Cascade, 4 miles north of Spring Hill on Rte 19. Visitors are always welcome.

It was decided that we hold our annual "Welcome Snowbirds" brown bag picnic at McKethans Park, north of Brooksville on Rte 41, at 11 AM, November 1, 1989. Many 25 year veterans of ham radio live in this area.

The Chapter greatly regrets reporting that a Chapter Founder, Regis Kramer, W4ILE, has become a Silent Key.



The picture above taken at the May 16th meeting has, L-R, Ed Tilton, W1HDQ, Vice President; Hank Wemple, W2EQO, President; Eunice Gordon, W1UKR, Secretary and Bob Gordon, W1KUL, Treasurer.

## SUNCOAST CHAPTER No. 53

Robert Bookwalter, W4NWF  
728 Valencia Rd, Venice, FL 34285

Suncoast Chapter of QCWA held its first luncheon meeting of the year at the House of Chong in Sarasota on Thursday, October 5, 1989. Due to President Bob, W4NWF being out of town, Past President Mary Ryden, K8ONV presided. 42 members and guests were present.

Gifts to the QCWA Memorial Fund were made in memory of Louis Balogh, W8KCY; Keith Landes, KA4NFW; and the wife of Alfred Hiser, K4FTX. Mary announced that Frank Lester, W4AMJ has been elected to receive the QCWA John DiBlasi Honor Award for 1989. Frank expected to attend the National Convention to accept the honor.

Lloyd Pfahler, W8FKL, introduced Bud Hynes, N4RRS. Bud was a Flight Officer in the Air Force. He served as a Pilot and as a Flight Engineer. He retired from the Bridgeport, CT Hospital as Plant Operations Manager. He now works at Venice Hospital as a member of the Hospital Auxiliary Volunteers. He also serves as Captain in the Civil Air Patrol Squadron based at Charlotte County Airport in Punta Gorda.

Bud spoke on the Rules and Regulations of Air Traffic Control and took the group on an imaginary flight from Sarasota to Atlanta. As radio is used in all phases of flight control, he concluded by stating that without radio the air transportation industry would not be where it is today.

## MICHIGAN CHAPTER No. 10

Currin L. Skutt, W8FSZ  
410 East Holland Lake Dr, Sheridan, MI 48884

On August 16, 1989, thirty-four members and guests of Michigan Chapter No. 10 QCWA, assembled at Kenwood Park, in Cadillac for our annual picnic. There were many eyeball QSOs and greetings. One of our members came from the upper peninsula, which is a long way to drive.

As usual, there was plenty of good food. We all ate too much and promised ourselves we would diet 'tomorrow'. In the afternoon the party broke up with many goodbyes and all headed for home, promising to be back next year. It was great to have our former net control, W8LA and his XYL present and in good health.



The picture above, shows some of the group getting their plates filled!

## NATIONAL CAPITAL CHAPTER No. 70

Ralph Thomas, VE3GG  
2180 Benjamin Ave, Ottawa, ON K2T 1P4 Canada

The National Capital Chapter is alive and well, albeit somewhat tardy with a report. Our last dinner meeting was on May 25th, with 25 members present and visitors Fred Hammond, VE3HC, QCWA Director, and Clive Taylor, VE3CL. Fred was the featured speaker, and after addressing some QCWA business matters he showed slides of some outstanding amateur stations in various parts of the world, and described the renewed W1AW. He also included slides of the polar SKITREK expedition. The meeting wound up with a draw for 15 Hammond Power Bars, donated by the Hammond Company.

The next meeting was scheduled for September 27, to feature a talk with pictures by Ron Belleville, VE3AUM, who provided a significant part of the communications for the SKITREK. He will describe his subsequent visit to Russia hosted by the Russians.

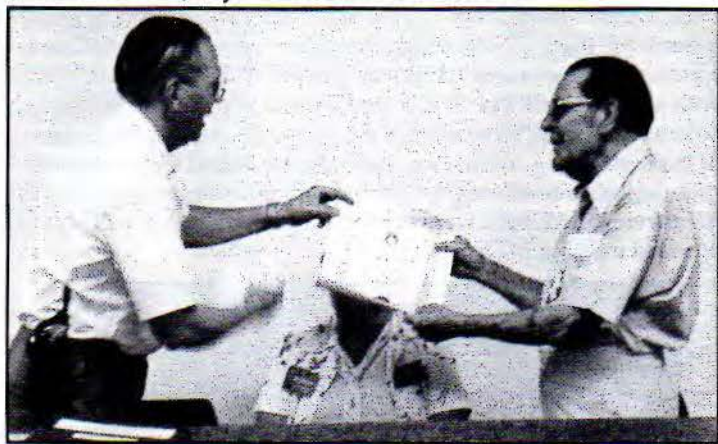
## EL PASO CHAPTER No. 64

Robert J. Carroll, K5IE  
10025 Suez Dr, El Paso, TX 79925-4636

A special meeting of El Paso Chapter 64 was held on September 4, 1989, at the El Paso Amateur Radio Club, W5ES. Jerry McNernan, W5YV, was presented with his seventy-five year certificate from QCWA. Jerry was one of the founders and is the current President of Chapter 64.

Joe Knight, W5PDY, Section Manager of the New Mexico section of the Rocky Mountain Division of ARRL, made the presentation. Also present at the W5ES clubhouse were Jerry's son John, W5VMX, and over sixty friends and QCWA members.

Jerry dedicated the certificate to the memory of his old close friends, all silent keys: George Thurston, 2SN; Ralph Barber, 2RK; Charles Litton, 6AO; Walter Howell, 2II; Uda Ross, 2UD; Charlie Atwater, 2JN and many more. Walter Howell was Assistant Chief of the Department of Commerce Radio Division and administered the examination for Jerry's first commercial license.



The presentation, pictured above, with Joe Knight at right and Jerry McNernan, W5YV, at left

Jerry recounted his early years in amateur radio. He started at age eight, in 1914. During those years he operated spark transmitter of the aforementioned stations. He learned the Morse code by copying down the dots and dashes and later deciphering them until he was familiar with code and could copy direct. Although his father, an actor, hated radio, Jerry was persistent and stayed with radio. He graduated from high school at age 15, and while

attending a radio show, met the founder of the ARRL, Hiram Percy Maxim. Jerry won honors at the show for copying code. He was licensed 2BL at that time. Some of the famous people Jerry worked with include Heising, Farrington, Thurston, Gabriel, Litton, Sturber, Oswald and Rose.



Above are shown those attending the presentation - seated, L-R: W5MXY, W1HX, W5YV, W5URT, K5DIT. Standing, L-R: W5VTA, K5IE, N5HRD, W5PDY, W5VYB, W5OVH, K5UYH, K5KKO, K5TRW, W2BFI, W5SQM, W5BQU, K5GFU, W5VMX, W5NPI, W5DTP. Picture by W0GOW

At present, Jerry lives in El Paso, Texas and is active in all phases of amateur radio. He has held the call, 2BL, W2BL, W3BM and W5YV, his current call. His QCWA membership number is 581, and he is a member of ARRL, the Ozone Club, El Paso Amateur Radio Club and the Sun City Amateur Radio Club.

**MERRY CHRISTMAS**

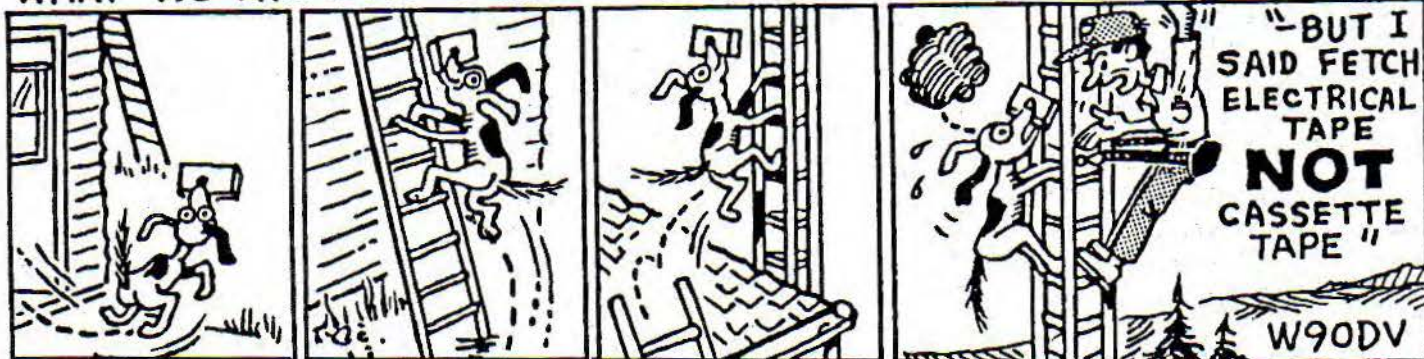
&

**SEASONS GREETINGS FROM**

**QCWA MEMBERS**

**EVERYWHERE!**

## WHAT-NO PHONETIC SPELLING ?



## QCWA RAZORBACK CHAPTER No. 90

Jim Throop, AA5CV  
23 Harlow Dr, Bella Vista, AR 72714

Twenty-one members & guests attended the October 14 meeting at the Holiday Inn at Mountain Home, AR. The business meeting was called to order by President Jack Linberg, W9MXU. Pat Pattee, W5POH, presented the slate to elect three members to the Board for two year terms. Those elected were: George Lehmkuhl, K0SXQ; Joe McNutt, N5BK; Jim Paul, KC5LL. Other directors who are beginning their second year in office are: Jack Linberg, W9MXU; Henry Pattee, W5POH; Jim Throop, AA5CV; Ray Yarbrough, W5YGX.

The Board of Directors selected Chapter Officers as follows:

Ray Yarbrough, W5YGX - President  
George Lehmkuhl, K0SXQ - Vice President  
Jim Throop, AA5CV - Secretary/Treasurer

Discussion was held favoring a Spring meeting located in the Mountain View area. Specific date and location information will be published at a later date.

Chapter member, Leland Smith, W5KL, QCWA President Emeritus, spoke to the Chapter about some of the current happenings in ham radio, such as the proposed no-code license and the possible license fee proposal. Leland also reported on the condition of Bob Townsend, W5MYZ who hospitalized early in October. The scheduled speaker for the meeting was unable to be present, therefore each member became part of the program. All were asked to describe and discuss his first transmitter, receiver and antenna. Then a follow-up discussion of each members most memorable or favorite equipment. Each person relating his equipment inspired a very energetic question and answer discussion!

The Chapter has a weekly on-the-air meeting Sunday afternoon at 1:00 PM local time. 3.907 MHz with Bob Townsend, W5MYZ, as NCS. KC5LL, Jim Paul, is alternate net control - please check in with us.

## PIEDMONT CHAPTER No. 126

Edward L. Naher, K8YFR  
7 Pilgrim Lane, Pinehurst, NC 28374

Piedmont Chapter held it's fall meeting September 23, 1980 in Greensboro, NC with eighteen members, XYLs and guests present. The attendance was less than anticipated due to some members experiencing the wrath and untimely visit of hurricane HUGO in the Charlotte and Winston-Salem areas.

Our speaker for this meeting was Gene Hicks, W4FXX, who has been a teacher at the Randolph Technical Institute in Asheboro for the past sixteen years. Everyone enjoyed the excellent and informative presentation of the basics of "Free Space Light Wave Communication". To present his subject more clearly, Gene brought along a box full of miscellaneous electronic components which he assembled, while he was talking, into a audio/visual transmitter and receiver. His presentation was well done and well received.

Our President, Nelson Large then introduced our newest member, Bill Hutchins, KM4UO, who resides in Chapel Hill, NC. Bill was enthusiastically welcomed into the Chapter and we encouraged to take part in all activities.

The usual business portion of the meeting included reading of the minutes for the previous meeting as well as the Treasurer's report. The Secretary gave the Net report for the prior three months indicating an increase in participation of 12%. Six of our members had 100% attendance for the months of June, July and August.

Our next meeting was scheduled for December 9, 1989, in the Pinehurst/Southern Pines area and is our Christmas meeting.

## LONG ISLAND CHAPTER No. 81

Herman F. Milatz, W2TLC  
1836 Gardenia Ave, North Merrick, NY 11566

Our meeting of October 12 was called to order at 8:30 PM. The first order of business was announcement of the demise of one of our directors, and a great friend, Herb Schmahl, W2AHZ, on October 6, 1989. He had many friends in the ham fraternity and will be greatly missed by them. Following a moment of silence, the Chapter announced the admission into a hospital of Walter Schleiker, WM2Z with a heart condition. It is hoped that he will be able to rejoin us before too long. After reading of the treasurer's report, the chairman of the nominating committee, Dave Winter, W2AUF, presented the proposed slate of officers for 1990. Although nominations from the floor were called, none were forthcoming. The election will occur at our next meeting in December.



In the picture above, Jay Altman, W2DX at right, was called to accept from Harry Dannals, W2HD, our new National President, two certificates attesting to 50 years of continuous licensing as an amateur. Thereafter we were treated to an address by Harry Dannals on the subject "The QCWA - Where does it fit in"? It was a most interesting talk and again, the evening was a success.

## SACRAMENTO VALLEY CHAPTER No. 169

F. Wm. Hendrick, NS6D  
2044 Janice Ave, Sacramento, CA 95821

Sacramento Valley Chapter holds monthly meetings, the 2nd Saturday of each month (8 AM breakfast), at Carrow's Restaurant, 4601 Watt Ave, near IS-80 in North Highlands, CA, a few miles north of Sacramento. We meet at the same time and place as the "Old Timers Ham Radio Breakfast Club", and have combined forces with them to increase our membership. We now have 17 members. Many belong to both clubs. The QCWA business meeting is held at the end of the meeting, with a sit-down breakfast, a program speaker and a prize raffle beforehand.

Sacramento Valley QCWA and the Old Timers have joined forces in advertising our meetings in World Radio each month, and share the cost of the advertisement. By doing this, we are trying to build up our memberships. Some members come from as far away as 50 miles to attend the meetings.

All QCWA members and other who have been a radio amateur for 25 or more years are invited to attend our meetings. For more information call President Paul Wolf, W6RLP (916-331-1830), or Bill Hendrick, Secretary/Treasurer at (916-925-5858).

## UTAH CHAPTER No. 160

Maryellen Vaughan, KA7ZRW  
PO Box 935, Ivins, UT 84738

WIMU is now over. We certainly enjoyed our association with Jim, W7LVN, as he really made it special this year. There were fewer in attendance this year, but it was a good group. We had the QCWA hospitality room open from 8 AM to 4:30 PM, with a half-hour lunch break, so people could wander through all day and we were kept busy there until the late afternoon.

Idaho will be hosting WIMU next year, so it looks promising for a Southeastern Idaho Chapter to be formed this year. There is much interest in having one, just needs someone who will take the responsibility of getting it going.

Editor's note - WIMU is the Washington, Idaho, Montana, Utah area-wide annual amateur radio meeting held at such exotic places as Jackson Hole, Wyoming, etc - try to make it a part of your next visit to the Northwest.

## DALLAS CHAPTER of QCWA No. 41

Barney Moffatt, W5CJZ  
5714 Trail Meadow Dr, Dallas, TX 75230

Dallas Chapter has purchased a 19-inch video monitor to be used for display of video programs. Many very interesting 30-minute video programs are now available and provide fine programs when it is impossible to arrange for live presentations.

Our good friend, Les Edmonds, W5GOO has decided to stay in Texas - we're glad to report that he'll be attending many of our Chapter functions. Luther Pully, W5JIZ has just returned from an Alaska business trip - Luther reports the dog-sled express is working great. Jerry Stover, W5AE and his son have just returned from a trip

to the U.S.S.R.

Dallas Chapter net meets Sundays at 7:15 local time on 3835 kHz. The net is called by several members who take turns. Those who handle the NCS work are: Paul Crossno, W5HT; Bob Olney, N5NT; Henry Winans, W5KNY; Charley Wilson, W5ZKM; Bill Chapman, W5YJB and Barney Moffatt, W5CJZ. This sort of schedule makes the work pretty easy for all hands.

The Hamarama, just completed, was a good success. Chapter 41 Prexy, Bob Olney, took the job Ed Serur, W5CNO has held for many years and called the Ladies afternoon Bingo game. We're already looking forward to Hamarama 1990!

## FOUNDERS' CHAPTER No. 46

David W. Winter, W2AUF  
84-26 87 St, Woodhaven, NY 11421

Meeting of Founders' Chapter QCWA #46 took place September 27, at the 14th Street Armory and following the fellowship hour, John, KA2IXW opened the meeting.

A video on the life of Marconi was shown by Ed Piller, W2KPQ. Following the program, Ed discussed the possibility of establishing a communications museum on Long Island and is investigating places and people prominent in the field of communications, seeking advice and assistance.

Dave, W2AUF reported on the Chapter finances. Howard, WA2KSK, discussed the idea of electrical magnetic radiation relating to ham radio. He is interested in getting doctors and scientists who are members of QCWA to devise a study of the subject, so that a definite conclusion may be reached. Results of present studies are inconclusive.

## STEWART PERRY, W1BB HONORED



Marguerite Perry displays the QCWA 75-Year Golden Certificate just received on behalf of her husband, Stewart Perry, W1BB. Leland Smith, Past President of the Quarter Century Wireless Association made the presentation October 19, 1989, at the Normandy House, Malden, Massachusetts.

## GUNDERSON-PENN-JERSEY CHAPTER 33

Allen R. Breiner, W3TI  
212 Race St, Tamaqua, PA 18252

20 members and friends of Gunderson Penn-Jersey Chapter met on October 28 for their second annual dinner meeting at Belvidere, NJ. A dinner of beef and ham was served by the Waterfront Inn. This was followed by a short business meeting which was chaired by President, W2WIY.

The only item on the agenda was nomination and election of officers. The Treasurer, WB2RAG declined nomination due to health conditions. The following slate of officers were nominated and elected for the term 1990-1991:

J. W. Richardt, Jr., W2WIY - President  
John Davanzo, W3IDD - Vice President  
Allen R. Breiner, W3TI Secretary  
Edmund J. Gigliotti, W3APE - Treasurer

WB2RAG and W2DGE were elected as Directors.

A replica of the Wouff Hong was displayed and passed around while a description of its origin and use was being delivered.

The program for the evening was a VCR tape presentation of "The New World of Amateur Radio" and a tape of the Voyager satellite as it passed a number of our planets.



The picture above was taken at a regular monthly meeting - L-R, standing are: K2YHY; W2DGE; W2WIY; WB2RAG; W3TI. Seated are: W3APE; N2IN; W2BCC; W3IDD; WA2IUU.

## SOUTHEAST WISCONSIN CHAPTER 162

Robert N Jensen, W0WLN  
5616 Cambridge Ln #6, Racine, WI 53406

The August meeting of the Chapter was the annual picnic, held at Johnson Park and in beautiful weather. Attendance was not spectacular but those who attended enjoyed the outing. The QLF contest was again won by Al Algiers, W9HR, with an almost perfect CW rendition with his left-foot. Al's wife Mamie, won the flapjack

flipping contest with dazzling display of hotcake hurling!

September's meeting at the Around the Clock Restaurant in Racine, featured a report by Bill Komistra, W9OVZ, on his motorcycle trip to Alaska and his wait for parts after a breakdown in Watson Lake, Yukon Territory. Plans were made for the October election and a nominating committee was appointed.

The October meeting was a brunch affair at the J. Trump's Restaurant in the Sheraton Hotel. Three directors were elected from the slate of six presented by the nominating committee. Al Algiers, W9HR; Steve Bellgraph, K9ZL; and Bob Jensen, W0WLN. The new Board then met and elected officers, Ed Konicek, W9NVK as President; Bill Komistra, W9OVZ as Vice President; Bob Jensen, W0WLN as Secretary/Treasurer.



In the picture above, L-R are Steve Bellgraph, K9ZL  
Chuck Konicek, W9GKM; President Ed Konicek, W9NVK;  
Al Algier, W9HR and Bob Jensen, W0WLN

It was announced that Ed Westberg, WA9Y and his wife Ceil were leaving Wisconsin and moving to Florida. At the end of the meeting the ladies present were given the floral centerpieces from the tables marking the finish of a very enjoyable gathering.

## NIAGARA FRONTIER CHAPTER No. 65

Kenneth R Palmer, K2FJ  
12750 Williston Rd, East Aurora, NY 14052

Congratulations to Director Hank Kuhn, W2IRU, on his receiver the Council for the Blind Award Plaque. This recognized 31 years of dedicated service as Editor of Radio Digest, a monthly magazine on tape. This provided info on amateur radio and allied fields to the Blind and Physically handicapped.

At our annual meeting and banquet, October 10, 1989, President Slim Griswold, W2SD, was presented with the "QCWA Meritorious Award" for his many years of faithful service to Chapter 65. Carleton Maylott, W2YE, received the QCWA Century Club Award. We extend congratulations to both men.

Members are asked to visit or write Ernie Roy, W2RX and his wife Edna who are now permanent residents at the Williamsville View Manor, Room 330, at 165 S Union Rd., Williamsville, NY 14221. Ernie's years of service as Supervisor at WBEN and as Director of the Buffalo Radio Institute are remembered by so many.

All QCWA members are again invited to our weekly Saturday noon luncheon at Williamsville Inn, Main Street in Williamsville. Good food, good fellowship - Happy Holidays to all!



Pictured above, L-R, Vice President Ed, KA2KFC; President Slim, W2SD receiving the Meritorious Award and Director Carl, W2YE, with the Century Award, Treasurer Bob, W2KKZ at right

## SPACEPORT CHAPTER No. 66

Arthur N. Greene, K4DQC  
340 Diana Blvd, Merritt Island, FL 32953



In the picture above, Walt Hicks, K4PQ, receives his 50-Year Golden Certificate from QCWA President, Harry Dannals, W2HD, during the Chapter meeting held at the Platinum Coast Amateur Radio Hamfest in Melbourne, FL, on September 9, 1989.

## CENTRAL NEW JERSEY CHAPTER 138

George W. Hasslinger, WB2CGI  
61 Rues Ln, East Brunswick, NJ 08816

On August 29, 1989, Chapter 138 held its Summer Luncheon at the Howard Johnson's in Middletown. Fifty members and guests were in attendance. The meeting was opened with a prayer and the Salute to the Flag. President Jerry Havel, W2RRX, announced that five members became Silent Keys since the last meeting. They were: Ed Madison, K4ADG; Maurice Pirrone, W2KIE; Art Klein, K4HGW; Gilbert Carney, W2BEL and Hugh Dickinson, KK2J.

Vice President George Miller, K2FD announced that he is taking orders for name tags which include the QCWA logo and the name of our Chapter. Announcements were made that a new Chapter membership Roster was in the mail and that a field trip was planned for visiting the Thomas A. Edison Laboratory.

Norm Payes, W2SZJ, showed pictures and wooden statues from his Pitcairn Island visit. Tony Colaguori, W2GUM, displayed a group of miniature wooden articles he had whittled. He announced that he and three other hams had made a successful 2-way contact on 10 GHz from High Point State Park to Cape May, NJ - from one end of New Jersey to the other.

On October 15, 1989, Chapter members manned a booth at the Jersey Shore Hamfest, answering questions about QCWA and handing out membership applications. On the same day, Chapter members assisted in the Red Bank Area Crop Walk and because of their presence a medical emergency was promptly handled.

On October 20, 1989, Chapter members and their wives participated in a field trip to Thomas Edison's Laboratory in West Orange. We had a guided tour of the lab, machine shop and office. It was a very interesting and enlightening tour.

## CRATER LAKE CHAPTER No. 153



The picture above, sent in by Jim Walsh, W7LVN, was taken at the chapter meeting during August, 1989. It looks like a great bunch of QCWA members who have found a picnic spot very close to heaven.

**Much of the issue of the Journal  
has been produced during the months  
of October and November.**

**We don't have a picture of a Reindeer  
or even a Christmas Tree**

**but**

**we wish you a Happy Holiday Season!**

## WESTERN OZARK CHAPTER No. 171

Marshall B. Turner, K0ADM  
Box 504, Tablerock Airpark, Golden, MO 65658

One of the newest chapters of QCWA, No. 171, held its first of our yearly meetings at the Four Seasons Restaurant, in Rogers, Arkansas on August 26. 47 members, XYLs and prospective QCWA members were in attendance for the presentation of our new Charter by National President Leland Smith, W5KL and National Vice President, Hugh Winter, W5HD. Accepting the Charter was Chapter President Roy Milliren, AF5W. Leland, a charter member of this new Chapter as well as of Chapter 90, stated that as far as he could remember, this was the first time that two National Officers were present to award a Charter. Leland was also the featured speaker, giving all present a very good review of where QCWA has come from, and the direction we are heading in the future. He also commented on the recent action by the ARRL Board on the matter of no-code licensing.



The Charter presentation is pictured above - L-R are: Hugh Winter, W5HD QCWA Vice President; Roy Milliren, AF5W, Chapter 171 President and Leland Smith, W5KL, QCWA President. Picture by W5YGX. Chapter 171 is composed of members from the Northwest part of Arkansas, southwestern Missouri and northeastern Oklahoma. The fall meeting was scheduled to be held in Eureka Springs, AR on November 18, 1989.

## NORTHERN CALIFORNIA CHAPTER No. 11

Russel A. Estep, W6AUC  
1469 El Camino Real, Belmont, CA 94002

Our Chapter had 50 members at our annual picnic held Sunday, August 20 at the Marin French Cheese Factory, near Petaluma. All enjoyed the companionship of other members and had a good time. Our next big event will be our annual luncheon in late January at the Spenger's Restaurant, in Berkeley. Three of our Directors' terms expire at the end of December, so we will be holding an election at that meeting.

## QUARTER CENTURY WIRELESS WOMEN

Ann Arnholt, K9RXK  
11351 S, 450 E, Elizabethtown, IN 47232

QCWA Chapter 120 held a short meeting at the YLRL Convention in Kauai, HI during June, 1989. Those attending the meeting were: Jerrie, K6INK; Werner, WA6PEX; James, W5AEF; Helen, K5ECP; Irma, K6KCI; Clarice, W7FTX; Sheila, G3HCO; Jackie, W6YKU; Helen, W6OSL; Margaret, K5MXO; William, W2KBH; Betty, W2PVS; Marcia, K6DLL; Mary, W6VDP. QCWA was also well represented with thirty-eight members attending YLRL Convention.

Many friendships were renewed and members are looking forward to the yearly QCWA meeting at Baton Rouge, In October as we will be celebrated QCWW's tenth Anniversary.



The picture above, taken September 24, 1989, at the McLean Hilton, during the 1989 QCWA National Convention. We don't know all of the ladies, but can identify several, as follows: Back row, Eva, KC7RY with Leland, W5KL; in doorway, Wes, W4COW and Ted, W5EJ; Center row, Liz, W3DCQ; the other two ladies not positively identified. Front row, Blanche, W4GXZ; Onie, W1ZEN; Esther, W6BDE; then one not identified and Jim W7LVN.

## OREGON TRAIL CHAPTER No. 168

Bill Blaumer, K7ZED  
11462 SE Stanley Ct, Milwaukie, OR 97222

Oregon Trail Chapter 168, held its first annual picnic on Sunday, August 13, 1989, at North Clackamas Park near Milwaukie. The following Charter Members were in attendance:

K7ZED John & Millie; W6AEV, George & Eva;  
K7USZ, John & Marie; K7LNS, Fred & Fran;  
N1AHD, Brian & Family; K7WSG, Capp & Velda;  
K7BT, Ron; WA7TIC, Curly & Sherry!

Visitors were potential members, K7TXN & Jan, and WD7D, Ray & Betty. Oregon Trail Chapter which was formed February 14, 1989, now has 50 members.

**BE SURE TO ORDER YOUR QCWA JACKET - ALLOW 30 - 35 DAYS FOR DELIVERY  
ORDER BLANK & INSTRUCTIONS ON PAGE 158**

## GERMAN CHAPTER No. 106

Albert Leinemann, DL9AR  
Magdalenenweg 9, D-3167 Burgdorf, West Germany

On May 5 & 6 Chapter 106 held it's annual meeting at Bamberg, an old picturesque town with wonderful buildings, going back to the middle ages and earlier. Hotel ALTENBURGBLICK with a wonderful view to the surrounding hills and an old castle and the restaurant GREIFENKLAU, served as meeting places. More than 50 attendants, mostly with their XYLS, came to the meeting. Among them, received with applause, our "Silent Key" LX1JW, Jean, from Luxembourg. Furthermore, from abroad came F3KW, ON4QN and, for the third time W5OSH, all with their XYLS.

Friday evening started the official meeting with the announcement of the result of the election for the next two years. President, unchanged, Otto, DL8AJ; Vice President, Heribert, DL9YP; Treasurer, DL9RW, Alex and the secretary unchanged, Albert, DL9AR.



Saturday morning the sight-seeing tour through old Bamberg was the topic of the meeting. In the picture above, a part of the crowd is shown before an old building - second from the left, LX1JW, aside of DL3ME. The afternoon followed with a bus tour in the surroundings of Bamberg, a beautiful landscape with rocky mountains and odd villages. In the evening dinner at the restaurant Greifenklau, with LX1JW as "Guest Speaker" closed the successful meeting.

June 23-25 followed the annual meeting at Ham Radio, Friedrichshafen. Chapter 106 had a booth as usual, about 16000 visitors from Europe and other continents saw the excellent show, especially the flea market in a hall of it's own - a great attraction. About 100 members and friends passed by our booth. Most European ham clubs had a booth at the meeting.

To come: DNAT at Bad Blenheim and the Interradio fair at Hannover!

## UK STATIONS - AND HOW!

Ray Hunter, VE3UR  
7 Westrose Ave, Toronto, ON M8X 1Z9 Canada

A nice letter from Ray who tops 80 summers, and has about as neat amateur equipment as exists anywhere. Ray operated last year for five weeks in New Zealand with the call ZL0AAF, at the rig belonging to Allen, ZL1PA.



Pictured above, Jock White, ZL2GX and Ray, VE3UR, at Jock's shack in New Zealand.



Back home in Toronto, Ray's shack looks anything but a shack - with three set-ups in his home, this is #1. Drake TR7, Drake R7 and L7 linear. MN2700 antenna tuner and SB 614 scope. Tono EX5000 interface, TO keyer and Commodore 128 for contest logging.

Ray expects to be in England, Scotland, France, Belgium and Holland during the latter part of October and early November using G0/VE3UR call, but only expects to operate 2 meters.

**QCWA WOULD LIKE MORE PICTURES AND STORIES OF ITS INTERNATIONAL MEMBERS**

**WE'LL SAVE THEM FOR THE WINTER ISSUE EACH YEAR SO ALL CAN SEE THEM!**

## CLEVELAND CHAPTER No. 1

Robert E. Bloor, W8LYD  
24338 Smith Ave, Westlake, OH 44145

On October 14, 1989, the Cleveland Chapter #1 held its Annual Award Luncheon which is the final Membership meeting of the year. The Luncheon was attended by about 75 members, their XYs and guests. The featured speaker of the luncheon was Ted Heithecker, W5EJ, General Manager of QCWA.

A part of the meeting was the election of Officers for 1990. The 1990 Officers who were elected are W8WGO, Chairman; W8OXA, Vice Chairman; W8LYD, Secretary and W8WAB, Treasurer. W8QKO, 1989 Vice-Chairman will be unable to serve in 1990 due to a conflict with his making a living. All the Members of the Chapter thank Don, W8QKO for his service as Treasurer for two years and Vice-Chairman for one year.

During the Award ceremony, W8EFW was named the Chapter's "Ham-of-the-Year". W8OXA was presented the Chapter's Meritorious Award, and W8GDQ was presented the Chapter's President's Award. N8BC, W8EFW, W8ETI, W8FDN and W8LE were presented Certificates for their activity in the QCWA 1989 QSO Parties. N8ILJ, W8RDD, W8UDG and W8WNA were presented with their 50-Year Golden Anniversary Certificates. W8FAZ and W8LZB were presented their 55-Year Golden Anniversary Certificates. W8GR was presented his 60-Year Golden Anniversary Certificate and W8IY was presented his 65-Year Golden Certificate. W8LJI, W8LXA, W8LYD, W8MDL and W8MMC were presented with a 55-Year endorsement for their Golden Certificates. K8NYZ was presented with a 60-Year and N8DR was presented a 70-Year Endorsement for their Golden Certificates.

After the Award ceremony, W5EJ discussed the operations of the QCWA Office and fielded many questions for the Members. The entire Membership of Cleveland Chapter #1 is grateful to Ted, W5EJ for his excellent presentation and his effort on behalf of all QCWA Members. He is pictured here at above, displaying his new QCWA vest, with Jack Goldfarb, W8WGO, during the meeting. Presently, plans are being made for 1990 Chapter Operations. During 1989, the average attendance on the Chapter's 2-meter weekly net was been about 50 check-ins. During 1990, the Chapter is planning a 2-meter Simplex "Rag-Chewing" operation on 146.4540 MHz.



## UPPER MIDWEST CHAPTER No. 8

John L. Hill, W0ZWW  
2838 Lake Blvd, St Paul, MN 55109

President Whittaker called the September 23, 1989 meeting to order at 11 AM with 46 persons present and began the proceedings with reading of an historical note regarding the nature of spark transmission during the early days of amateur radio. KB0EXT announced the pending regional hamfest scheduled for October 28th.

A period of Silence for the passing of W0OEP and W0DBC was followed by reading a letter from the latter's daughter asking assistance with the disposition of her father's equipment. The secretary indicated that her son had been extensively advised at the time the letter was received.

After each person present had identified him/herself, the treasurer's report was read and approved. The remainder of the business meeting was given to discussion of the future location for our meetings and the matter of utilizing an executive committee to minimize the time taken for Chapter business at the meetings.

The meeting continued with presentation of Golden Certificates to 16 persons, attesting to their 50 years or more of holding an amateur

license. All of these presentations carried endorsements for more than 50 years; one for 65 years and five for 60 years. Each of the recipients told of an incident attributable to being an amateur licensee.

## CAN IT GET BETTER THAN THIS?



Picture by W3WPY

Probably few if any pictures could more accurately portray the sense of fellowship that exists at QCWA Conventions. L-R are: W6BED, W0GFQ, W7LVN. In a relaxed moment at Baton Rouge.

## SHENANDOAH VALLEY CHAPTER No. 137

Perry F. Crabill, W3HQX  
449 Milam Dr, Winchester, VA 22601

Shenandoah Valley Chapter No. 137 met on Wednesday, September 20, 1989, at Jimmy's Restaurant in the Holiday Inn on Rte 50 east of Winchester, with 21 members and guests present. A social hour at 5:30 PM was followed by dinner at 6 PM. President Walter Johnson, WA4HVV, opened the meeting by asking for self-introductions. Secretary/Treasurer, Perry Crabill, W3HQX, read the minutes of the July 19, 1989 meeting and reported on the Club's financial condition as of September 19.

Members reported to be on the sick list included Ward Crabill, W3JGK; Carl Horner, K4BRK; Walt Quitter, NC4B; and Lloyd Penrose, NC8G.

There was no old business to consider. President Walter Johnson appointed George Ritter, W4UGX; Roy Cartier, K4AC; and Ed Rich, K3THD as members of a nominating committee to provide a slate of candidates to be presented at the November 15 meeting. George Ritter was named Chairman. Frank Taylor, KE4KF, announced he was helping the widow of Maynard Boyce, KB4RFO, to dispose of her deceased husband's amateur radio equipment.

The remainder of the meeting was devoted to Story Night. Each amateur present was asked to tell the group about an interesting or amusing situation drawn from his amateur radio activities. After the OM's told their stories, the XYLs were asked if they had any radio stories about their husbands, but there were no takers. The Story Night was so successful that it was agreed to try it as an annual event. The meeting was adjourned with the announcement that the next meeting would be held at the same location, November 15, 1989. Those present were: K2EZY; W3FZT; W3HOF; W3HQX; W3IUT; W3MP; K3THD; NF3X; WA4HVV; W4KXE; W4PSJ; W4UGX.

## PELICAN CHAPTER No. 128

Don Bice, W4PCO  
5511 18 Ave, N, St Petersburg, FL 33710

Pelican Chapter kicked off the Fall season with a BANG!!! A brand new meeting (and eating) place, the Chapters's first QCWA QSO Party Award Presentation.

The new meeting place is Stacey's Buffet, 391 34th St N, St Petersburg. We gather about 11:30 AM on the 3rd Wednesday of the month in a private dining room and then attack the buffet tables, en masse - like a huge swarm of locusts assaulting a grain field. Stacey's offers an abundance of good food at a most reasonable cost. Very much to the memberships liking.

At the September meeting, Jim Keyes, K4FCW and Art Monsees, W4BK, were awarded their Pelican Chapter QSO Party Mugs. These two gents earned their call-letter inscribed awards by accumulating the most point, at our Chapter level, during the 1989 QCWA QSO Party. Jim, on Phone, and Art, via CW. President Jay Strom, K9BSL, in presenting the Awards, remarked that he hoped such recognition will generate greater QSO Party interest at the local level.

Pelican Chapter invites all QCWA member visitors and their guests

to join us for Breakfast at the Econo Lodge, 5005 34th Street North, at 0800 on the 1st Wednesday, and to our Luncheon meeting at Stacey's mentioned above.

## KANSAS CHAPTER No. 110

PO Box 157, Concordia, Kansas 66901  
C. Wilbur Taylor, W0WXY

A joint meeting was scheduled with the Kansas-Nebraska Radio Club on September 16, at Concordia. This is K-N-R-C's Annual Picnic with barbecued pork and beef donated by some generous amateur friends. This picnic has become a tradition during the past 10 years.

In early November the Chapter held a dinner meeting at the historic Brookville Hotel, a few miles west of Salina. Next years officers were scheduled to be elected at that meeting.

The Kansas Chapter Net continues to meet at 7:30AM on Saturdays, with QCWA member Paul Chapman, KA0RZO, as net control on 3920 kHz. Check-ins were down during the summer but have been improving lately.

## MISSOURI CHAPTER No. 19

Melvin Mayo, N0AQH  
206 Hillsdale Dr, Ballwin, MO 63011

Missouri Chapter 19 continues to meet on the 2nd Saturday of each month for lunch and to swap stories about member activities - both on the air and travel. Four new members have been enrolled this year and 10 to 12 members attend the monthly meetings.

The new meeting place is Shoney's at 10416 Watson Road, in Sunset Hills.



At right, Bill Graves, W0QZZ, at left, receives his Golden Certificate from John Davison, W0ZFN.

## DELAWARE VALLEY CHAPTER No. 5

Don Field, W2UAE  
101 Denow Rd, Lawrenceville, NJ 08648

Delaware Valley Chapter #5 held its fall luncheon October 14, 1989, at Jeffery's Restaurant on Rte 73, Pennsauken, NJ. 43 were in attendance and everyone enjoyed a fine meal.

A business meeting was held in which a report on the Sunday Net was given. The Net meets Sunday mornings, 0945 AM, on 3945 kHz and members were encouraged to join in. The Thursday evening net meeting on 146.79 (repeater) 9:00PM was discussed. W5ZMI introduced a prospective new member, N2GCE, who was welcomed by the group.

The nominating committee presented a slate of candidates for the coming year and nominations from the floor were opened. The proposed slate of candidates were elected unanimously. Those to serve are:

George Van Dyke, W3HK	- President
Bob Ray, W5ZMI	- Vice President
Don Field, W2UAE	- Secretary
Marvin Foral, W3QGC	- Treasurer

The newly elected President was presented the gavel by outgoing President, W3DIP. The business meeting was closed and the speaker, W3AYJ, Alex Schnipper, was introduced by W3HK. Alex gave an interesting talk on old recording and played a number of famous records of bygone days.

## CENTRAL CALIFORNIA COAST No. 75

Phil Amborn, W6PA  
1279 Descanso St, San Luis Obispo, CA 93401

On October 28, 1989, forty-one congenial attendees to the Fall Ball of the Central California Coast Chapter enjoyed an excellent meal at Alexandri's in Santa Maria.

George Tauxe, W6FJT, treated us to a slide show recalling his family group tour of Switzerland this past summer. It was an ancestral search tour that paid off in a family reunion and enjoyment of Switzerland's scenery as well as its history. The Swiss countryside, Alps, cities and hospitable people impressed all of us with either fond memories or a desire to see it all in person.

This was Chapter 75's fifteen anniversary meeting and we were pleased to have Bert Ayers, W6CL, who came all the way from Chapter 7 in Los Angeles. Bert was the one who gave us the impetus to start our Chapter. Thanks, Bert!

Speaking of anniversaries, Howard Jones, WB6IXO, 'The Antenna Man', recently celebrated the 46th anniversary of his 39th birthday. We were sorry to miss our chapter Prexy, Dave Medley, KI6QE, who has been on the sick list for too long. The good news is that the medics have pinned down his problem and he is recovering. In Dave's absence, Veep, Boyd Denham, W6RPI, did an excellent job of chairing the meeting.

**We hate to keep harping on it but, experience assures us that some are going to be disappointed when the new 1990 MEMBERSHIP DIRECTORY is distributed**

**Please check your mailing label on this Journal Make certain your dues are paid through December 31, 1989 - AND that your name is spelled right, address is correct, Zip is right, etc. Notify HQ of errors - TODAY! There's time to get it all right, but hurry!**

## INLAND EMPIRE CHAPTER No. 130

Robert G. Rickey, NF6P  
8532 Red Hill CC Dr, Rancho Cucamonga, CA 91730

FUN PICNIC-Forty members and spouses really enjoyed the perfect day, August 19. The Pot-luck dishes provided by the gals (and perhaps by some of the OMs) were outstanding and sufficient to feed a hundred hungry teenagers. Walt Joos, W6EKM, manned a Swap, Show and Tell table which offered incredible bargains. Graham MaConomy, W6BUK, showed us some very old and very interesting transmitting tubes, the likes of which many of us had never seen before and may never see again (see photo below, with Graham and his display).

Our FALL/WINTER Meeting was held November 4 with 68 members, spouses and guests attending with the theme being issuance of Awards. Gene Todd, W6BBY, and Earl Burdette, W6YYV each receiving the Century Award. In all, there were 19 awards given to deserving members present. An additional 14 Awards will be distributed to members who could not be present to receive them.

Mr. Fried Heyn, WA6WZO, ARRL Southwest Division Director spoke briefly to the group about matters of interest to Radio Amateurs in particular the action the league is taking on the issue of the 220 MHz band. He also invited members to attend the 2nd Annual SOWP-QCWA Christmas Luncheon December 2, with Mr. Barry Goldwater, K7UGA, as the main speaker. Fried was accompanied by XYL Sandy, WA6WZN.

Oscar Sanden, K4EH, retired Captain, USN and a member of Chapter 130, related an interesting story which spanned nearly 30 years and concluded the week of our meeting. He had just returned from the decommissioning ceremonies of the USS SELLERS (DDG 11), a ship which he served on as a Lieutenant at the time it was commissioned in 1961 and on which he operated a radio amateur station those many years ago. On one occasion he was able to work a 3-way hook-up, a conference call, so to speak, which included XYL Lila via a phone patch.

Results of an election of Chapter officers for a 2-year period beginning January 1, 1990 was announced by President Walt Joos, W6EKM. Elected were Bob Rickey, NF6P - President; Jack Prather, W6KJP - Vice President; Hap Pearson, W6JGL - Secretary/Treasurer.

Our next meeting will be held at the March AFB Officers' Club March 24, 1990.

**Managed by Barney Moffatt, W5CJZ**  
**5714 Trail Meadow Drive, Dallas, Tx 75230**

**Barney's Exchange has been a popular feature of the Journal for ten or more years.  
it's free to QCWA Members. If you would like to advertise for and item, or  
to trade or sell an item, write to Barney with full details.  
He'll get it published!**

**Neither QCWA, its Officers, Directors, General Manager or Barney  
assume responsibility for mis-representation or loss.  
We'd like to hear if you have any problems!**

**WANTED** - To restore my first rig: Heath VF-1 VFO for my Heath AT-1. Also need J-38 key.

Bill Hawkins, W5EC  
5401 Thomas Dr  
Panama City Beach, FL 32408  
904 234 2748

**FOR SALE** - Alpha 76CA, 3 tubes with Hypersil xfmr, excellent cdx. Factory supplied board to convert to the QSK of the Alpha 78 has been installed. Full CW break-in, works like a charm and needs only 35 watt drive for 1 kW input power. Sell for \$1825, or trade for a late model transceiver, ICOM or Kenwood. Prefer pickup, or will deliver within 100 miles.

Sid Shore, K1SS  
205 Sharon Valley Rd  
Sharon, CT 06069

**WANTED** - James Millen antenna bridge, Model No. 90672. This unit is used with a grid dip meter to measure impedance in the range 5 - 500 ohms at frequencies to 200 MHz. Unit must be in excellent cdx with manual.

Willis A Duncan, W0QBK  
RR 2, Box 43D  
Junction City, KS 66441-9511

**WANTED** - Motorola AM BCB portable receiver from 1940's. Maroon colored metal case - 3 way (AC/DC/67.5 V batt) preferred. Also need Ten-Tec PM-3A QRP rig, Ten-Tec S-30 Signalizer and Wetz RP-129 Wattmeter.

Robert S Murphy, N8AFP  
RT 12, Box 322  
Murfreesboro, TN 37130

**WANTED** - In good cdx; Lafayette HE-30 (or KT-320), Mosely CM-1, Hammarlund HQ-215, Collins 75S-1 or 75S-2, Heath Q-Multiplier, Skillman Bug, Early 1960's copy of "How to become a Radio Amateur", 1963 & 1964 issue of QST and CQ Magazines, copies of Radio and R-1 Magazine.

Dave Heil, J52US  
c/o Ken Scheper, WA8JOC  
5875 Cedaridge Dr  
Cincinnati, OH 45247

**WANTED** - Early National receivers, SW-2; SW-3; SW-4; SW-5, SW-58, AGS, FB-7. Need original manuals for early National Receivers, RME-9, PR-15, PR-16, Collins 32-V transmitter. Need Johns Ranger, Collins 4A, National 'dog-house' power supply, Globe King Transmitter, Johnson Kilowatt, Gonset G-76

Steve Barnes, K6PFW  
848 N Silverwood  
Upland, CA 91786

**WANTED** - QST, will pay fair price and postage for copies in reasonable cdx - all of 1930 and 1946. December 1931 - November 1945 - December 1947 and October 1959.

H. Ernie Savage, VE7FB  
4553 West 12th Ave  
Vancouver, BC Canada V6R 2R4

**FOR SALE** - All kinds of antique telegraph literature and equipment including brass keys, sounders, telegraph practice keys, crowsfoot batteries, two-station systems, bugs, etc. Send \$1 for telegraph catalog

W. C. Hess, W6CK  
Box 19  
Pasadena, CA 91102

**SPECIAL OFFER** - Now in second printing of my book, A RADIO JOURNAL. All about 1920-1930 years in radio. Reduced price \$8 plus 0.90 postage.

Russ Rennaker, W9CRC  
1011 Linda Dr  
Kokomo, IN 46902

**WANTED** - 1939 or 1940 copy of the RCA Receiving Tube Manual - also a copy of the RCA Transmitting Tube Manual.

Bill Miller, K2GCE  
217 Porterfield PL  
Freeport, NY 11520

**WANTED** - Johnson Viking 'FIVE HUNDRED' transmitter. Will pick up within 500 miles of Chicago.

John Morehead, N9HRS  
500 E Higgins Rd, Ste 101  
Elk Grove, IL 60007  
312 593 2111

Telegraph bugs, mid-century paddles, old American telegraph keys wanted for private collection. Donations of parts, restorable keys appreciated. Small collections also considered.

John Hensley, WJ5J  
5054 Holloway Ave  
Baton Rouge, LA 70808

**WANTED** - by collector - pre WW-II vintage parts such as xmtg tubes, plug in coils, surface mounted panel meters, xmtg tube sockets, variable xmtg condensers, knobs, dials, etc. If your junk includes this kind of stuff, I will come and clean out the whole mess and pay for the privilege.

Parker, W1YG  
745 16th Ave, South  
Naples, FL 33940

# NEWLY ENROLLED MEMBERS

QCWA JOURNAL - WINTER ISSUE, 1989  
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	22,581	Tracy, Douglas P	W8YCU	Toledo, OH	-	-
	22,582	Ideker, Bob	WB8VUH	Sherwood, AR	-	-
	22,583	Eitel, George E	W7EAW	Prescott, AZ	-	-
	22,584	Wilcox, John H	W1ZNY	Topsfield, MA	-	-
	22,585	Casey, Robert E	K0GWK	North Hollywood, CA	Onie Woodward	W1ZEN
	22,586	Backus, Stephen C	K1RRY	Grenwich, CT	Gene Stephens	KA6HOQ
	22,587	Alfman, George A	WA8FHF	Norwich, OH	-	-
	22,588	Uotinen, Walter H	W2WBD	West Orange, NJ	Jim Norton	W8RYW
	22,589	Lee, Charles A Jr	WA4EWV	Spring, TX	R Reed	WB2HXR
05-29-89	22,590	Sanderson, John R	K1DNC	Whitinsville, MA	-	W1PEX
	22,591	Thomas, Boyd	WB7SPX	Malad City, ID	Onie Woodward	W1ZEN
05-30-89	22,592	Spicer, Harry S	N0FWK	Springfield, MO	Bill Vaughan	W7CKD
	22,593	Higgins, Joseph F	N7BHZ	Las Vegas, NV	Leland Smith	W5KL
	22,594	Jennings, James W	KE5HF	Hearne, TX	Andrew Kalnasy, Jr	W7LRX
06-05-89	22,595	Cook, James	K5FD	Alpine, TX	-	-
	22,596	Smith, Dwight W	W5USM	Sachse, TX	Travis Baird	W9VQD
	22,597	Romberg, Conrad	N5CR	Rowlett, TX	-	-
	22,598	Newell, Peter W	KE5DQ	Dickinson, TX	Travis Baird	W9VQD
	22,599	Pope, Ray	K5ZXZ	Texas City, TX	-	-
	22,600	Moore, Bill G	K5HTF	Oklahoma City, OK	-	-
	22,601	Martin, Marvin	KB4TRY	Hermitage, TN	Leland Smith	W5KL
	22,602	White, Victor E	W5LRU	Denton, TX	-	-
	22,603	Harod, Royce J	WA5QPW	Carrollton, TX	-	-
	22,604	Harlow, Bill	K5RPX	Oakland, NJ	-	-
	22,605	Marsden, Elmer L	K7TMS	Terrell, TX	-	-
	22,606	Coy, Dale E	W5VBQ	Trophy Club, TX	-	-
	22,607	Dillon, Roger L	K5PE	Beaumont, TX	Wes Randles	W4COW
	22,608	McGarity, Owen Jr	K5HBU	Gonzales, TX	-	-
	22,609	Stankus, John J	W2JS	Austin, TX	-	-
	22,610	Spear, Randall Alva	WA5QGH	Springdale, AR	-	AF5W
	22,611	Schryver, George W	W5TIM	Springdale, AR	Roy Milliren	AF5W
	22,612	Weghorst, Ray	W90BF	Little Rock, AR	-	-
	22,613	Cockrum, David	N5DO	Alpine, TX	Jim Walsh	W7LVN
	22,614	Sauer, Doris G	WB5TNH	Texas City, TX	-	-
	22,615	Zook, Glen E	W5UOJ	Richardson, TX	-	-
	22,616	Finicum, James W	KB0CCS	Grand Junction, CO	-	-
	22,617	Nelson, Jack	K5FSE	Duncanville, TX	-	-
	22,618	Woolsey, Lawrence S	NY5F	Little Rock, AR	-	-
	22,619	Willingham, Willard E	W7PFW	Portland, OR	-	-
	22,620	Walker, Robert E	N5HZM	Mountain Home, AR	-	-
	22,621	Williams, Edward L	KH6BAS	Eureka Springs, AR	-	-
06-06-89	22,622	Gies, Donald E	K4GIT	Melrose, FL	-	-
	22,623	Kliman, Kenneth M	KF5VC	West Fork, AR	-	-
	22,624	Frazer, Ralph F	W7AHC	Boise, ID	-	-
06-08-89	22,625	Deen, Floyd R	W5VBF	Gentry, AR	Ted Heithecker,	W5EJ
	22,626	Spencer, Elmore D	W7TMF	Medford, OR	-	-
	22,627	Rowland, Melvin	NQ4N	Inman, SC	Gene White	K7YQM
06-09-89	22,628	Raney, Roy A	K0OVQ	Denver, CO	John R Miller	W0IKT
	22,629	Hammond, William S	KK4YQ	Garden Grove, CA	-	W0LMN
	22,630	Toman, Lee L	W3BIM	Quartermtown, PA	-	-
	22,631	Helstrom, Gilbert R	N5NRJ	Los Lunas, NM	<del>Ted Heithecker</del>	<del>W5EJ</del>
06-13-89	22,632	Crispin, A F	W5KGM	Springdale, AR	Ted Heithecker	W5EJ
	22,633	Haines, Robert	WF5D	Bentonville, AR	-	-
	22,634	Patience, Leland E	W4DRF	Belton, SC	-	-
	22,635	Osborn, Robert T	WA5JDU	San Antonio, TX	John R Miller	W0IKT
	22,636	Johnson, Norman R	N0ELS	Moore, OK	-	-
	22,637	Wolfe, Floyd E	W8JB	Midland, MI	-	-
	22,638	Spaulding, Harold	W6BAF	Upland, CA	Don Christensen	W8WOJ
06-14-89	22,639	Winters, T D	N5HYY	Arlington, TX	Steve Barnes	W6PFW
06-15-89	22,640	Jones, Helen Louise	N8BDE	Albuquerque, NM	-	-
06-16-89	22,641	Slice, David L	K4JNT	Anderson, SC	-	-
	22,642	Briggs, Joseph L	KE7PT	Fort Wayne, IN	Doris J Bedford	K4AOH
	22,643	Buerg, Vernon D	N6MG	Daly City, CA	-	-
06-20-89	22,644	Fegan, J A	VE3QF	Scarborough, ON, Canada	Esther Given	W6BDE
	22,645	Miller, James Ralph	WB0QJE	Olathe, KS	-	-
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	22,680	Aichinger, Erwin	OE3NR	Austria	-	OE3RE
	22,681	Keppel, Guenther	OE5GT	Austria	-	-
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08-14-89	22,731	Sexauer, Paul M	W9JTO	Carol Stream, IL	-	-
08-15-89	22,732	Hildreth, Hubert Gene	W4IBX	Macon, GA	J Harvey Chase	W4TG
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08-16-89	22,736	Seidel, Frederick G	W1KZQ	Baltic, CT	-	-
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	22,738	Lemon, Robert F Jr	WA8ARJ	Mason, MI	-	-
	22,739	Lemon, Roberta L	WA8ARJ	Mason, MI	-	-
08-17-89	22,740	Butler, Joseph Weldon	W5ILJ	Lubbock, TX	Ray Hennington	W5IWE
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08-30-89	22,762	Graves, James E III	WD4NXY	Jacksonville, FL	-	-
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	22,767	Daley, Paul W	WT8S	Canal Winchester, OH	-	-
09-01-89	22,768	Wood, Dana B	K6AHM	Los Angeles, CA	Bert F. Ayers	W6CL
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	22,772	Lundgren, Frederick A	N7LSZ	Tucson, AZ	-	-
09-06-89	22,773	Sutcliffe, George H	K1MCY	Leesburg, FL	-	-
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	22,775	Sonnek, Frank	K0JRM	Aberdeen, SD	-	-
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	22,785	Korper, George W III	N3GPR	Laurel, MD	-	-
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	22,809	Denissen, Robert John	KG5NX	Marrero, LA	El Charlton	W5MD
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	22,857	Blasucci, Alfonso	W2KOG	Scotch Pines, NJ	-	-
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I, \_\_\_\_\_, \_\_\_\_\_, having  
(please print) (present call sign)  
been a licensed radio amateur 25 or more years ago, and presently holding the amateur call  
listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for  
membership in QCWA. I understand that proof of original date of licensing is required and is  
being submitted herewith. My complete mailing address is:

Street Number and Name \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
I will keep QCWA Headquarters advised of any change in address and/or call sign. My first  
Amateur license was issued (date) \_\_\_\_\_, Call Sign issued \_\_\_\_\_  
Additional calls held \_\_\_\_\_

A list of all QCWA Chapters is provided with new member materials. If known, please identify the Chapter with which  
you expect to affiliate \_\_\_\_\_.

Proposed by (not required) \_\_\_\_\_ Signature \_\_\_\_\_

SCHEDULE OF FEES

Amount  
Dollars

QCWA dues for a one-year period	\$12.00	_____
or, QCWA dues for a two-year period	\$20.00	_____
or, QCWA dues for a three-year period	\$25.00	_____
or, QCWA Life Membership	\$125.00	_____
or, QCWA Life Membership, time pay plan (LTP) Three equal payments of \$45 each, to be completed in one year!	\$135.00	_____
or, QCWA Family membership for a 3-year period See QCWA by-law, Article I, Sec 2(c) for eligibility*	\$10.00	_____
or, QCWA Family Life Membership*	\$50.00	_____
or, QCWA Family Life Membership, time pay plan Three equal payments of \$20 each, to be completed in one year*	\$60.00	_____

After selecting one of the above plans, be sure to include initial  
registration charge for all new members \_\_\_\_\_ \$3.00

Three styles of regular pins are available without year-tags  
mark the one desired:

Tie-tac \_\_\_\_\_, Screw Button \_\_\_\_\_, Safety Pin \_\_\_\_\_.

Pins with year-tags of 25, 30, 35, 40, 45, 50, 55, 60, 65,  
70 and 75 years may be ordered depending on eligibility.

All year-tag pins are tie-tac variety only. If you wish the  
year-tag pin, circle it on the application above.

ALL TYPES OF PINS

Engraving Requires 6-8  
Week Delivery  
\$10.00 EACH! \_\_\_\_\_

Total amount enclosed \_\_\_\_\_

Payment, US Funds only!

PLEASE FURNISH THE FOLLOWING INFORMATION

Date of birth \_\_\_\_\_, Birthplace \_\_\_\_\_

Present occupation/business \_\_\_\_\_

If retired, what was major life work? \_\_\_\_\_

Hobbies \_\_\_\_\_

Other organizations you are affiliated with \_\_\_\_\_

## CERTIFICATES AVAILABLE

MEMBERSHIP CERTIFICATES numbered in serial order are issued to each member. Numbers are not re-issued except to the same member to whom they were first issued

QCWA GOLD CERTIFICATES celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license

GOLDEN CERTIFICATE ENDORSEMENTS for the GOLD certificate, in five year increments - 55, 60, 65, 70, 75 year stickers. Free of charge to eligible members.

50-YEAR CONTINUOUS LICENSING Gold certificate available to eligible members. Requires submission of proof licensing. There is a \$5 fee. Applications available from QCWA Headquarters.

QCWA CENTURY CLUB CERTIFICATE is issued to QCWA members whose age, when added to their number of years as a QCWA member, totals 100 or more. No charge for the Certificate

MERITORIOUS AWARD is issued by Headquarters, upon request of any active QCWA Chapter. One such award for each Chapter each year. The Award may be given to recognize unusual dedication to QCWA or Amateur Radio. There is no charge for the Award.

## OPERATING AWARD CERTIFICATES

QCWA Operating Award Certificates are issued to QCWA members by the activities manager. Proof of eligibility is required.

QCWA WORKED 50 STATES awards are issued to QCWA members who have contacted members in each state of the Union.

QCWA WORKED 100 MEMBERS awards are issued to QCWA members who have contacted at least 100 QCWA members

QCWA WORKED 60 CHAPTER awards are issued to QCWA members who have contacted members of 60 chapters

QCWA WORKED 500 MEMBERS awards are issued to QCWA members who have contacted members of 500 chapters.

In addition, plaques are awarded to the highest scoring members for both phone and CW QSO Parties. Runners up receive certificates.

## MEMBERSHIP SUPPLIES

QCWA Lapel pins, gold plated, with call engraved, clutch, safety-pin or button type. These pins do not have year tags!

QCWA Lapel pins, gold plated, call engraved, with year tags. Specify year (25,30,35,40,45,50,55,60,65,70,75) Clutch type only

All pins, each	\$10.00
QCWA Life member pin	\$5.00
QCWA embroidered emblem	\$5.00
270 QCWA Red stamps (regular)	\$ 2.50
270 QCWA Gold stamps (Life)	\$ 2.50
240 QCWA Yellow Stamps (50-yr)	\$ 2.50
QCWA Logo on rubber stamp	\$ 6.50
QCWA Cap with Logo	\$ 5.00
QCWA Chapter Banner	\$120.00
QCWA pays half of first banner	\$60.00
QCWA Decals	\$ 1.00

## ORDER BLANK

To QCWA, Inc., 1409 Cooper Dr., Irving, TX 75061, Send the following items:

\_\_\_\_\_ \$ \_\_\_\_\_  
\_\_\_\_\_ \$ \_\_\_\_\_  
\_\_\_\_\_ \$ \_\_\_\_\_  
Ship To: \_\_\_\_\_ Total \$ \_\_\_\_\_

Name	Call	QCWA No.
No. & Street	City	State Zip
Cash____, VISA____, MC____, AMEX____, DISCOVER____		
Card No. _____		
Valid through ____/____/____		U. S. Funds Only
Signed _____		

## QCWA CAPS ON HAND!

Don't forget to order your  
Cap!  
They're in stock!

DEADLINE FOR COPY  
FOR THE SPRING  
JOURNAL -

FEBRUARY  
**5, 1990**

QCWA JOURNAL, WINTER 1989  
Volume 38, No. 4

QCWA, Inc.  
1409 Cooper Dr  
Irving, TX 75061-5527

NON PROFIT ORG  
U.S. POSTAGE  
PAID #1808  
DALLAS, TX

ADDRESS CORRECTION REQUESTED

Courtesy of the NL7XM Collection